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WSSAX, MASS., MAR. 1.

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1887



C. E. Allen's



ILLUSTRATED  
CATALOGUE  
OF  
SEEDS.

PLANTS  
AND  
SMALL FRUITS.

BRATTLEBORO VT.

W. R. C. & CO.  
BOSTON



If this Catalogue is not useful to you please hand to some friend interested in flowers.

## NEW SWEET CORN.



NEW SWEET CORN.

**Early Cory Sweet Corn.** After another season's trial there is no doubt this is the leading early market corn; six to ten days earlier than Early Marblehead. My seed I grow here, being careful in making selections to seed from, planting corn from the best formed and largest ears, smallest cob and longest kernel; during the last two years I have given care in selections to improve it in earliness also, and have now the most carefully selected seed stock for market gardens, offered in the seed trade, yielding two and three good ears from one stalk. By planting the Cory you have a better opportunity of engaging later varieties, giving a complete monopoly of the market with the retailers and consumers. Perhaps the best recommends of this corn can be given from some of my customers of the last two years which will be found below. This seed has been tested, and is known to germinate to the highest per cent. Pkt., 10c.; qt., 15c.; gal., 25c.; pk., \$1.50; bu., \$4.50.

*If sent by mail add 20c. per quart, for postage; ears, 5c. each; 50c. per dozen; by mail, 10c. each.*

ROCHESTER, N. H.

C. E. ALLEN: Dear Sir:—I found your Cory corn all you advertised, and placed in the market earlier than any farmer in town. L. M. RICHARDSON.

Eau Claire, Wis.

C. E. ALLEN: Dear Sir:—The Cory is the earliest corn ever known in this section, and quality superior. J. T. CASE.

Petersham, Mass.

C. E. ALLEN: Dear Sir:—I have tried all early varieties of sweet corn. I like the Cory the best; a good yielder and nice quality; my customers were much pleased with it. H. H. LINDSAY.

NEWTON, N. H., Dec. 7.

MR. ALLEN: Dear Sir:—I planted the Cory corn, also the Early Marblehead and Narragansett, and find the Cory about one week earlier than either, and equal in size. Its eating qualities cannot be beat by any early corn that I am acquainted with. I consider it the best for early market of any variety, and shall want one peck of it in the spring.

Yours, SMITH EVANS.

HOPKINTON, St. Lawrence Co., N. Y.

MR. C. E. ALLEN: Dear Sir:—The Cory corn was fit for use fully one week in advance of Early Marblehead. It is unmistakably the earliest and best of all the early varieties. Yours truly,

L. S. COOLIDGE.

**Mr. Martin** states he is so well pleased with it, he will plant four acres this season.

**Mr. Rozier** by starting a few hills on sod in the cold frame had ears for dinner June 15.

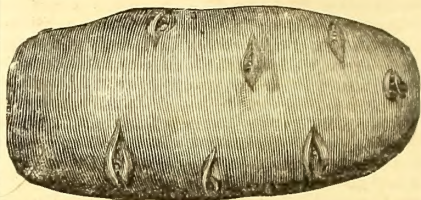
**Mr. Phipps** states he placed 150 hills of Early Marblehead, and 100 hills of Cory side by side the same day. The Cory was ten days earlier, and sold for from 35c. to 60c. per dozen ears.

## SWEET CORN.

**Shakers' Early.** This is the same shape and number of rows as the Crosby Early, but ears one-third larger, 12 rowed. It ripens with Early Minnesota; white and very sweet. To follow the Cory it is likely to be an established variety as second early market. Pkt., 10c.; qt., 30c.; pk., \$2.25.

**Farquar's First Crop Sugar Corn.** This is a very early variety, with white cob and kernel, and popular in some parts of Massachusetts as first early. Eight rowed, good size and fine yielder, having the good qualities of the best standard varieties. The seed I offer is of my own growing, direct from the introducer. Pkt., 10c.; qt., 25c.; pk., \$1.50; bu., \$4.50.

## POTATOES.



EARLY DURHAM.

**Early Durham.** This is a seedling of the Early Rose, originating in Northern New York; grown in this section by an experienced grower of potatoes for over three years. Tested at the Ohio Experimental station in 1885, it yielded at the rate of 426 bushels potatoes from an acre; ripening July 25th, and was tested beside 22 other leading early varieties, like Early Hebron, Boston Market, Chas. Downing, Early Ohio, Pearl of Savoy, Thourborn, Vanguard, etc., yielding per acre as follows:

<b>E. Durham, 426 bu.</b>	<b>E. Hebron, 349 bu.</b>
<b>Boston Market, 330 bu.</b>	<b>C. Downing, 375 bu.</b>
<b>E. Ohio, 392 bu.</b>	<b>Pearl of Savoy, 378 bu.</b>
<b>Thourborn, 382 bu.</b>	<b>Vanguard, 276 bu.</b>

This potato I introduced two years ago, and is proving such a general favorite, and its cooking qualities so excellent through all sections, I am induced to give the opinion of some of my customers of last year below. It is attractive, smooth skin of a light rose color; boiled or baked it has almost the texture of flour.

This seed, being grown on our northern hills, should give the planter excellent results. Price, per lb., 20c.; by mail, 45c.; pk., 50c.; bu., \$1.50. The *Rural New Yorker* spoke of it last year as one of the best varieties in their experimental grounds; very early; great yielder; of best cooking qualities.

WABASH, Minn., Jan., 1887.

C. E. ALLEN: Dear Sir:—In reply to yours relating to Early Durham potatoes, I will say, the peck which you sent me yielded eight bushels. The peck you sent J. B. Mullins, yielded 9 bushels. Compared with other varieties, same soil and culture, the result was better than Early Rose, Beauty of Hebron and Clark's No. 1, in uniformity of size, earliness, quality and yield. Respectfully,

G. A. PERKINS.

GREEN'S FARM, Conn., Jan. 20, '87.

C. E. ALLEN: My Dear Sir:—The Early Durhams I purchased of you last spring, gave highly satisfactory results. From the bushel I harvested over 40 bushels of fine, smooth, large tubers. The quality I pronounce No. 1, and they are certainly among the very earliest to ripen. Planted along side of Burbank and Beauty of Hebron, they (the Durham) are easily the winners. I shall plant largely of them next spring. Yours truly,

WM. J. JENNINGS.





## NEW WEEPING FUCHSIA, STORM KING.

**Fuchsia, Storm King.** This new weeping Fuchsia, is the most valuable known, and remarkable for its fine growth for a weeping variety. The above illustration represents a plant from photograph, having at the time nearly two hundred buds and blooms. Its buds before expanding are glowing carmine balls, drooping among its green foliage, with its large, double white flowers measuring two to three inches across, and its carmine tube and sepals render it the most attractive house plant to be obtained. No plant has ever attracted more attention in so short a time among plant growers, or demand ever so large for a fuchsia. At times last season it was impossible to supply the demand. It is a weeping perpetual bloomer of remarkable free and healthy growth, holding its flowers from two to three weeks before dropping. I have sufficient stock to supply a large demand, purchasing originally from the introducer last season, and known to be true.

SAN. FRANCISCO, Cal., Oct. 1886.

MR. ALLEN:—The Storm King Fuchsia you sent me last spring, has been in bloom since last July. It has grown remarkably well and bloomed almost to represent perfectly your illustration. I always have beautiful success with fuchsias, and shall want more of your plants and seed in the spring.

R. M. BATES.

**Price of Storm King, 30c. each, 6 for \$1.50, 12 for \$2.60, 30 for \$5, 50 for \$7.50, 100 for \$15.**

**Extra strong plants, 50c. each, 3 for \$1, 7 for \$2, 12 for \$3, 25 for \$6, 50 for \$10.**

**Form Clubs and send for this Wonderful Fuchsia.**

## REMARKS.

As I look back and view the vast increase of the seed and plant trade during the past few years, one can hardly realize the extent of growth in so short a time seemingly. The many varieties and large list of today are double in number, and yet good, but seem unnecessary for practical use to the profit of the grower and purchaser, but most all have their good purpose, among so many opinions of the people and differen



climates they are to grow. The manner of carrying on the business is much changed, and still all push forward for more business where demand can be made.

I present annually this revised edition, as so many new varieties are annually appearing of much value; prices decrease or increase as the supply or demand may require, adding varieties of merit, dropping out inferior ones. Few kinds of business require more careful attention in judging good, worthy varieties and quality for the purpose they are to be used, among so many new kinds annually appearing. It requires constant and careful watching daily to personally know their value, with long experience, as it is a business unsuitable to inexperienced persons. The best seed of the finest and best bred strains are what is necessary for the pushing American farmer and gardener of to-day. Certainly some novelties prove poor, but we must try them to know ourselves, as improvements we are after, and cannot be proved till they have had a fair test in several sections. My aim has been to furnish the best articles of its kind; where customers are not so supplied, it is some error in our hurried season, and when notified will cheerfully correct, but errors seldom occur.

**Bedding Plants** have so increased in their manner of planting, as to become an art in arranging colors for the best effect. At some of the large cities and parks, it is very extensively carried out in many curious forms, which give great contrast and beautiful coloring, very striking and effective.

**Flowers** have now a vast increased demand, and yearly growing more elaborate and popular when arranged in taste to give effect. Choice Roses are the general staple in this line, arranged alone or with other choice flowers. Fancy Pinks are also in more demand at higher prices. Orchids are creating a demand in large cities at expensive prices. Chrysanthemums supply the season in autumn, when other flowers are the least in market, and are grown in immense quantities. The best standard flowering varieties will be found in my list. I give special attention to cut flowers, either arranged or in designs or loose, at all seasons. For the best new flowers coming from seed, Europe is in advance, but in the most important new vegetables, America leads.

**For Fruits** we seldom go abroad for better than we can originate at home. All sections of our country are becoming inhabited with all nations, as all soils and climates are found here, and many kinds of plants we are not able to lead in now, there is reason to believe the time is near, when we may lead in producing nearly all the most important and useful new plants, fruits, vegetable and flower seed.

**In the following** list many of the best new, approved, and standard varieties will be found. I do not claim to have the best in all departments, but equally as good as other leading houses, and prices in many cases less. Being grown at the North, naturally have a more hardy constitution, giving better results than if grown in a more Southern locality. I offer special inducements on large orders, and will be pleased to give special rates to parties wishing to purchase in quantities.

**Small Fruits** will be found on pages 91 to 95. The only way to know which are the best on your soil, is to purchase, in a small way, and try; opinions vary and what succeeds on one soil will not always in another.

**Packing.** On page 96, will be found testimonials from distant States, to show that my system of packing is done in the very best manner. *I guarantee* the safe arrival of all plants, seeds and bulbs when sent by mail or express, if complaints are made at once upon receipt of goods. My plants and seeds are sent out not only with the intention of pleasing purchasers this year, but with the aim that I may secure their confidence and be favored with their orders for years to come.

**PLANTS BY MAIL.** Special attention is given to plants by mail. If ordered by express, much larger plants will be sent, the express always to be paid by the purchaser. Special rates given to parties wanting plants in quantities for bedding purposes. Orders from unknown parties sent C. O. D., unless accompanied with cash or good references. No charge for boxing or packing on orders to the amount of \$1.00 and upwards. A liberal discount to dealers.

**New Departure.** Being impressed with the neat appearance of well kept lawns and flower beds at many railroad stations; especially along the line of the railroad, leading out from Philadelphia, for many miles the stations are particularly attractive and very neatly kept, with close green velvety lawns and bright blooms and foliage beds, and to encourage our Vermont railroad stations to improve and adopt the plan, I will give plants to complete two or three large beds to the value of \$25, to the first station in Vermont, for 1887, improving the ground with a good lawn and to be well kept, in any town, who will first notify me, plants to be used exclusively for bedding at the station only. Will furnish plants at lowest rates to any station who wish, in lots of \$5 and upwards.

**SEED.** I give special attention to this important business. For several years a market gardener, and about sixteen years as florist, and ten years in the seed business, my experience allows practical judgment as to purity and freshness, while my greenhouses allow means of testing germinating qualities. All seeds are fairly tested before put up, and none sold unless they germinate to the highest per cent; all unsatisfactory seed are either buried or burned. **I sell nothing I do not believe sure to grow and true to name,** and give best results under favorable circumstances. Many seed I grow; those I do not, are obtained direct from the most reliable growers, and will stand test beside any of the most reliable seedsmen; in all cases using the greatest care in selecting. If seed prove not as represented; after allowance of soil being too wet, cold or dry, or deep planting, mixing with too powerful a fertilizer, there remains a doubt of bad seed, the party will be supplied with other seed equal in value to that purchased; and I request all parties to report to me all seed not proving pure or germinating well.

**FLOWERSEEDS.** Some which cannot as yet be grown in this country, I obtain from the most reliable growers in Europe. My strain of Florist's Flower Seeds is the best that can be obtained; in fact, all can be relied upon, and tested before sold. **Flower Seed.** Directions for sowing and club orders, see pages 17 and 18 to 30; by weight 37 and 38. **Vegetable Seed.** Directions for sowing and club orders, see page 38 to 55.

**Every School** who wish to select flower seeds for exclusive use of school, to be planted only on the school grounds, may select \$1.00 worth of flower seeds for 50 cents; or \$2.00 worth for \$1.00, in packets only. The order can be sent by the committee or the teacher, with proof they will be used only for the purpose stated at these rates.

**CASH DISCOUNT ON SEED.** All flower and vegetable seed in packets, oz., lb., qt., or peck, to the amount of \$5, 5 per cent discount; \$8, 8 per cent discount; \$10 to \$20, 12 per cent discount. Not allowed on bushel or barrel rates unless by special agreement.

**TELEPHONE CONNECTIONS** with Vermont, Massachusetts and New Hampshire lines, making close connection with Western Union telegraph. Orders so forwarded will receive immediate attention.

**ORDERS.** If not received in due time, I request purchasers to notify me to that effect, as often the party's address has been omitted, either state, town or name, and sometimes the whole, or misdirected.



**SEED BY MAIL.** All seed will be forwarded by mail at rates given, unless otherwise noted. Peas, Beans, add 30 cents per quart; corn, 20 cents per quart for postage; all other seed at pound rates, add 16 cents per pound to pay postage; no charge for packing or boxing.

Be particular to always write the order plainly, and give Post Office, County and State. All money to the amount of \$1 and upwards, if sent by Post Office Order, Registered Letter, Cashier Check on New York and Boston, will be at my risk, and I will guarantee the safe arrival of all packages to any part of the United States. **Discount on Seed,** see above, also page 18. **Club orders** on Roses, see page 76.

**Catalogues.** No. 1, Illustrated, of Seed, Plants, Bulbs, Shrubs, Small Fruits, Trees, etc., issued in February. No. 2, Special List, to the trade only, ready in February. No. 3, Special List of Surplus Stock and Mailing List, ready in April. No. 4, Special List of Potted Strawberry Plants, ready in July. No. 5, Fall Catalogue of Dutch Bulbs and Winter Flowering Plants, ready last of September. No. 6, Fall Trade list of bulbs and Plants ready in October. All mailed free to customers, and to others on application.

## CLUB ORDERS.

Which must amount to \$2, will entitle the getter up of same to select roses, plants, bulbs, at single and dozen rates only, not at 100 rates; or seeds, in packets only, not by the oz., lb., qt., or bu., in catalogue to the amount of 20 cents for every one dollar's worth ordered, viz: **For a club of \$2 you can select 40 cents worth as premium. A club of \$4 you may select 80 cents worth. A club of \$5 you may select \$1 worth, and 25 cents worth extra as premium.** (See page 13 for description.)

**But remember, this premium is allowed only when plants are ordered at retail rates;** for instance, when \$3 worth of Roses are ordered, I will send three \$1 packages (24 Roses), and you can select from the catalogue plants or seed to the amount of 60 cents as your premium. See mailing and \$1.00 collections, in index.

## TREATMENT OF PLANTS RECEIVED BY MAIL.

When received unpack at once and place in water for thirty minutes, keeping the packing about the roots. This restores the vigor, brightens the leaves and gives the plants new life. They should then be potted and shaded for a few days, and if bedded out should also be shaded from the sun, paper being the best for that purpose. When potted, water thoroughly, after which only keep the soil naturally moist. The plant being yet weak should not receive much nourishment, and if overfed will die outright.

Plants packed with the best care, if not properly cared for when received, may be lost. With our method of packing, and if above directions are followed, all should live. Do not throw your plants away because they look dry and withered, give them a chance to revive under favorable treatment.

# NOVELTIES IN FLOWER SEEDS,

## And Others of Special Merit.



ASTER, NEW PEARL.

**Aster, New Pearl.** This is the finest new Aster yet introduced. A new and distinct class, which should and will be widely known for cut flower

work. Exhibited at American Florists' Convention at Philadelphia in 1886, — recommended and endorsed by the best American judges, such men as Thorpe, Zirngiebel, and others; attracting much attention. On trial in this country last year, and first offered to the public this season. Vigorous, robust growth, about 15 inches high; profuse flowering. As yet only two colors are offered, pure white and bright rose.

**Aster Pearl.** Pure white. Pkt., 15c.

**Aster Pearl.** Pure rose. Pkt., 15c.

*My seed was grown by a Boston grower and can warrant true.*

**Aster Zirngiebel's New Double White.** Originated with a Boston florist, and was awarded a first-class Certificate of Merit at the Boston Horticultural Exhibition. Flowers globular form, medium size, imbricated like a full double Chrysanthemum; for florists' bouquet-making and floral decorations, it is among the best in the list of Asters. Very prolific. My stock is true, direct from the introducer.

**Pure White.** Packet, 15c; 4 packets, 50c.; 1-8 oz., 75c.

**Aster Mignon.** This new variety resembles the Victoria, in habit and height, but surpasses it in freeness of blooming, being of a refined globular form of the purest white. Per pkt., 20c.; 3 pkts., 50c.

**Aster Boston Florists' White.** Similar to



Zirngiebel's white. Pkt. 15c.

**Aster Comet.** (New.) Resembles a Japanese Chrysanthemum; long twisted wavy petals; pink bordered white. 15 inches high. Pkt., 25c.

**Aster, Lilliput, Pure White.** The character of this race is the small size of its flowers and the abundance with which they are produced. Useful for cut flowers. This novelty proved very fine during the past summer. Pkt., 20c.



CHOICE CARNATIONS FOR FLORISTS.

**Carnation. Alegaticre's Celebrated Collection.** From the choicest known strain. Per packet of 50 seed. 50c.

**Carnation La Favori.** Very fine rosy carmine, from the very choicest strain. Pkt., 50c.

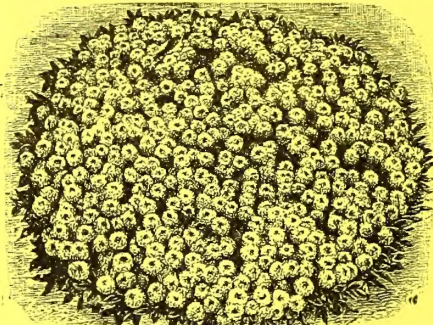
**Carnation Hermine.** From the choicest strain hybridized, pure white. Pkt., 50c.

**Carnation Jean Sisley.** Pure salmon yellow. Very fine results have been obtained from these exceedingly fine strains. Pkt., 50c.

For other Carnations see page 23.



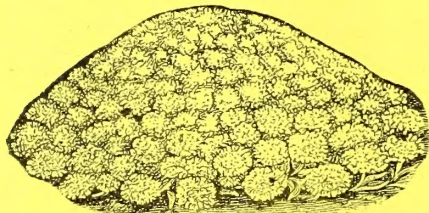
GLADIOLA LEMOINEI HYBRIDS.



ALYSSUM SWEET, LITTLE GEM.

**Sweet Alyssum New Dwarf Little Gem.**

Very dwarf, compact, three to five inches in height; blooms when quite small, and so profusely that the plants are a solid mass of white from spring till late in autumn. For small beds and edgings it is very effective, and valuable for pots and baskets. Pkt., 10c.; 6 pkts., 50c.



CANDYTUFT, EMPRESS.

## CANDYTUFT.

**Candytuft Empress.** Very long spikes of pure white flowers; distinct and new. A much improved variety of white for cut flower use. Pkt., 10c.

## CHRYSANTHEMUM.

See page 61 and 25.

<b>Double Chinese,</b>	per packet,	15c.
" <b>Japanese,</b>	" "	15c.
" <b>Pompon,</b>	" "	15c.

## CARNATIONS.

The quality and variety of my Carnation seed is unexcelled, and should give the best of satisfaction, but of course the best seed will give some single and semi-double varieties. Seed planted in spring or summer and transplanted in open ground in October, lightly covered in winter, will give an abundance of fine plants and blooms the following June in open ground in this section; are entirely hardy.



## BALSAM.

**Perfection.** The finest strain of double white Balsam grown; as round, perfect, double and white as a Camellia, and recommended for florist work. Per pkt., 20c.

**Challenge Prize, Camellia Flowered Balsam.** This strain is saved from six of the very choicest colors, those showing the best and most double forms for florists and exhibition purposes. Very double, and of the highest quality, and no doubt one of the finest strains in cultivation. The colors comprise pure white, scarlet, rose, violet, spotted and striped. Pkt., 25c. Also see page 21.

## GLADIOLA LEMOINEI.

These differ from the French Hybrid species; the flower being more round and considered much more beautiful, with distinct colors and markings. They have been fertilized artificially, and will produce new and remarkable varieties. Some of the varieties now sell for \$1 to \$3 each for a single bulb. Seed sown in the spring early, March or April, will produce flowering bulbs the first year. Price per packet of 50 seeds, 20c.

## GLOXINIA.

**New French, Tigered and Spotted.** Seed saved from the finest named French Hybrid of recent introduction; very choicest colors mixed, from large flowering varieties. This new variety excels all former varieties in form, size and beauty of flower. Pkt., 40c.

## HOLLYHOCKS.

**Chaters' European Prize and Benary's Celebrated Strain.** Also in finest mixtures. This strain of Hollyhock is noted for being the choicest in color, doubleness, perfect form and size in the world. Packet of choicest mixtures, 25c. In separate colors of **white, crimson, yellow, rose, salmon and purple**, each color separate, 25c., or one packet each, six colors, \$1.25. Also see page 20.



BIRD'S MAMMOTH MIGNONETTE.

## MIGNONETTE.

**Bird's Mammoth.** This Mignonette is said to have the largest spike and longest and most powerful fragrance of all varieties, the originators demanding as high as \$1 per 100 seed at one time. It now commands the highest price for flowers in New York market. Per pkt., 15c.



## NEW AMERICAN MARI-GOLD.

**El Dorado.** The best description of these beautiful Marigolds will be found in the illustration, which portrays the form of the flowers, which are often three and a half to four inches in diameter, some being fringed and laced. The colors comprise four shades of yellow, ranging from the palest primrose, lemon, golden yellow, and deepest orange. They are of the easiest culture, blooming freely, having 50 to 100 flowers at one time on a single plant. Per pkt., 10c.

**Marigold.** (New French.)

**Carter's Butterfly.** First offered this season and said to be the most beautiful in form; flowers borne in great profusion from July to October, in a perfect mass. Very regularly marked in rich crimson and yellow. Said to be the best improved of the French Dwarf Marigold. Pkt., 20c.

## NEW JAPANESE HOP.

**Humulus Japonicus.** New annual Hop from Japan. The foliage resembling in shape that of the common Hop. The principal feature of this new climbing plant is that it can be sown in the open ground in spring and attains enormous dimensions in a short time. One of the best climbers for covering verandas, trellis, etc., never suffering from the heat or destroyed by insects, retaining its fresh, green color late in autumn. Pkt., 15c.

## DIANTHUS HEDDEWIGII.

**Mourning Cloak.** New constant blooming variety, with very double, large flowers of a peculiar dark crimson; the flowers almost blackish purple with a beautiful white margin; very distinct and pretty. Pkt., 15c.



## MINA LOBATA.

Half-hardy Mexican climbing annual, resembling the Ipomoeas in growth and foliage, though its flowers are quite distinct and singular as they are attractive; the buds are, at first, of a vivid red, but turn to orange yellow before they open, and when expanded are of a creamy white; produced from the base to the summit of the plant, which attains a height of from 18 to 20 feet, and constitutes a beautiful object. Like the Cypress Vine, with which it has much in common, this rapid-growing species cannot fail to become popular, in the United States, the climate is so favorable for its development. It requires the same treatment as other half-hardy annuals, but should be planted in a sheltered situation. Pkt., 25c.

## POPPIES.

### (Large-Flowering Carnation Poppies.)

Are an improvement over the older sorts. The flowers are of immense size, full and double, and make perfect balls often fifteen inches in circumference. The Poppy is one of the most desirable annuals on account of its easy culture, the length of time it remains in bloom, and is free from all insect attacks and diseases. Few annuals approach the Poppy in brilliancy of color, and the new varieties here offered are very fine. Sow seed early in spring.

**Poppy Crimson King.** Intense dazzling scarlet. 15c. per packet.

**Poppy Snowdrift.** Puresatiny white. 10c. per packet.

## LARKSPURS.

**New Hybrids.** This seed is saved exclusively from new double flowering hardy varieties, from a collection of unsurpassed excellence. Pkt. 15c.

## STOCK.

**New White Princess Alice.** Fine for cutting; early, blooming from May to November profusely; 2 feet high; branching; the flowers appear on each shoot. Received several first prizes. Pkt., 25c.

## PHLOX DRUMMONDII.

**New Double White.** I offered seed of this variety two years ago, the first and only one with the originator. I have tested it two years and found about 50 to 75 per cent. come semi-double; the balance are single-flowers. It can be much improved, and will be in time. Pkt., 25c.

**New Double Red.** This has the same character as the white, both must be more double before widely coming in general flavor and use. Pkt., 25c.

## SWEET PEAS.

They are now largely grown and sold at fashionable summer resorts and command good prices at Newport, Saratoga and other fashionable places.

**Sweet Pea Adonis.** The upper part of the flower is carmine rose, with crimson spots and purplish red throat, the lower part (wings) being velvety violet shading off into lilac towards the edge. Pkt. 10c.

**Eckford's New Mixed.** This special strain was saved from choice new strains of Eckford's growing, noted for its great beauty, form and size, in a large variety of colors. Pkt. 20c.

**Orange Prince.** Awarded first-class certificate at London in 1885. Bright orange pink, flushed scar



SWEET PEA ADONIS.

let, distinct and extremely handsome. Pkt. 25c.

**Invincible Carmine.** New, large flowering carmine; said to surpass other varieties in brightness and beauty. Pkt. 15c.

**Duchess of Edinburgh.** A new, distinct, beautiful light scarlet, flushed crimson, marbled white and rose. Pkt. 25c.

**Cardinal.** Robust growing, and bright crimson scarlet flowers. Pkt. 20c.

**Prince of Wales.** Shaded and striped mauve on white ground. Awarded a first-class certificate. Pkt. 20c.

Packet above 7 varieties, mixed, 25c.; one packet each above 7 varieties, \$1.15. For other varieties see page 36.



VERBENA, NEW IMPROVED LARGE FLOWERING.



## VERBENAS, (New Improved Large Flowering.)

**Auriculiflora Grandiflora.** A new improved strain of large flowering verbenas, with incurved petals, embracing all shades and colors, and white eyes; the largest and finest strain known, and much improved from the ordinary variety. Pkt. 25c.; 3 pkts., 50c.; 1-16 oz., \$1.



PETUNIA, LARGE FLOWERING, YELLOW THROATED.

## PETUNIA, LARGE FLOWERING, YELLOW THROATED.

**Intus Aurea.** This new introduction has proved a remarkable large, beautiful, and attractive flower, with fine frilled, wavy petals; of good form, with yellow throat; of great depth and breadth, beautifully veined. It is very distinct in appearance, and comes true from seed, in colors of white, pink, crimson, carmine veined, striped, blotched, in good variety. Pkt. 25c.

## ZINNIA, (New Double.)

**Zebra.** Many of the flowers of this variety appear striped, which is uncommon in this class of flowers. Pkt. 30c.

**Zinnia Elegans Grandiflora.** Large flowering, double. A particularly fine new class of Zinnias, differing from the older ones from its unusually robust habit of growth and the immense size (5 to 6 inches across) of its perfectly-formed, very double flowers, of various striking colors. The plants are three feet high, and bloom freely during a long period. The flowers do not suffer as most others by heat, and remain in good condition for several weeks. The seed is larger than that of the older races. Eight beautiful varieties mixed, 25c. per pkt.

# » PANSY, «

## New Improved Fancy Large Flowering.



This new strain of Pansy which the following cuts represent, is becoming yearly more and more noted among florists and good judges as one of the finest in size, form, color, quality and variety. The best pansy specialists acknowledge them to be so. Improvements have been made during the last year to still improve their form and beauty. It is doubtful if colored plates can do them justice; however the illustrations given will give an outline representing some of them in life size, form, shadings, new and beautiful markings, but to realize their true color, variety and quality, they must be seen to be appreciated, as long descriptions cannot do them justice. I offer them in 12 separate named varieties, knowing I have in these colors the very choicest known varieties now cultivated in distinct shades; also the same varieties in mixed packets. Many thousand packets have been

sold during the past three years in every state and territory, and have won universal praise. Their colors range from pure white to the richest velvety black; in textures unsurpassed. Price, each variety in packet of about 150 seed, 20c.; the same 12 varieties mixed, in packets of about 200 seed, 25c.; three

packets for 60c; 12 packets, one of each 12 varieties, \$1.50, each color separate. This strain is always awarded first prize when on exhibition.

**Coronata.** Beautiful dark velvety purplish maroon, pure and distinct.

**Marginata.** This has a dark purplish maroon ground color, with a margin of pure white and yellow; exceedingly fine.

**Nero.** Very large flowers, with a pure velvety black.

**White Elephant.** This new sort is quite different from the ordinary White Pansy. Flowers of a delicate satiny white, with a slight tinge of yellow in the center. It comes quite true from seed, and is the best white in cultivation; large flower; blooms very free as a bedding variety.

**Beacon.** The center is a purple violet, shaded to the edge from a blue to almost white; very delicate, attractive and white.

**Jamesy.** Lower petals purple on a yellowish white ground; upper ones violet, with a blue margin, spotted and marbled with blue, rose and violet; superb.



ROEMER'S GIANT PRIZE.

**Bismarck.** Remarkably beautiful, marbled with gold bronze and brown.

**Oriole.** A very bright deep golden yellow; first-class.

**Ultramarine.** A delicate shade of light porcelain; has a distinct and large white center; beautiful.

**Splendens.** This is quite rare in color, being of a very brilliant claret red.

**Jumbo.** Very large flowers striped with several colors.

**Flora.** White, with rosy carmine spots; distinct, large, yellow eye.



Hundreds of testimonials can be given if space allowed, but print only the following:

ROCKLAND, Mass.  
**MR. ALLEN:** Dear Sir:—Will you please send me a copy of your Catalogue? The Pansy seed I bought of you last summer was far ahead of any I had of a fancy specialist. Yours, etc.,  
**E. P. WHEELER.**

SALISBURY, Mass.  
**DEAR SIR:**—It gives me much pleasure to write to you that I not only consider the Pansies raised from your seed this year the finest I ever had, but the finest I ever saw. I know we are all apt to think our own the best, but even allowing this, I think I have the best bed in town, and there are quite a number of florists here who cultivate them. I have plants of nearly all the varieties bought of you. As soon as your seed is ready, let me know. I shall want the same as before, and new varieties if you have any. I have recommended your seed to as many as I could. Hoping you may be favored with orders from some of them, I remain, yours,

**SETH M. BARTLETT.**

STANSTEAD, P. Q.  
**MR. C. E. ALLEN:** Dear Sir:—Your Pansy seed we have found better than any other we ever tried from leading seedsmen.  
**A. COLBY.**

March, 1886.  
**MR. C. E. ALLEN:** Dear Sir:—Please send me the same 12 varieties, mixed, of 200 seed of Pansy as last year. They were the finest I ever saw, they were so beautiful I must try them this year.  
**Eaton, Canada.**  
**H. JARDIN.**

March 15, 1886.  
**MR. ALLEN:** Dear Sir:—The Pansies I purchased of you were much admired. The finest in town.  
**Enclosed find order, more seed.**  
**Laconia, N. H.**  
**MRS. G. BERRY.**

April 20, 1886.  
**MR. C. E. ALLEN:** Dear Sir:—I had a beautiful bed of Pansies from your seed last year; they were the admiration of all.  
**New Lenox, Ill.**  
**MRS. GEO. VAN DUSEN.**

**MR. C. E. ALLEN:** Dear Sir:—Please send me a packet of your best Pansy seed for my neighbor. My bed of Pansies last year proved so attractive, many will send to you for seed. They were the finest I ever saw.  
**Plainville, Ohio, May 4, 1886.**  
**S. KNIGHT.**

## NEW PANSY.

Making Pansies a leading specialty, I devote much time and care in selections from all known improved strains, and offer the choicest selections following:

**Roemer's Giant Prize.** A new attractive addition to this popular class of Pansies, being of robust and free flowering habit; flower, measuring upwards of 4 inches across; being circular in form, of good substance, as well as unsurpassable in beauty and variety of coloring. See illustration. Per pkt. of 60 seed, 20c.

**Prize Blotched.** This Pansy is a good improvement on the well known Odier Fine Blotched and Spotted. Visitors examining this strain last summer when in bloom, were surprised by such brilliant shades and enormous size. This is the latest improved strain of high and rare quality. First offered this season. Packet of 30 seed, 25c; 4 packets, \$1.

**Trimardeau.** First offered in 1885, new and quite distinct Pansy, of French origin. To all lovers of this beautiful and popular race of flowers, it will recommend itself. The plants are vigorous and compact, the flowers carried well above the foliage, marked with three blotches; of fine form, representing a notable difference from those well known races, the size measuring about three inches across. True stock. Per pkt. of 50 seed, 10c; 150 seed, 25c; 1-16 oz., \$1.

**Cassiers.** This is a large, well-formed variety of Pansy, of the finest colors in the Odier type. Pkt., 20c.

**Normandie.** This Pansy is free in growth and bloom; flowers of good form. Pkt. 20c.

**English Choice.** Said to be the best English strain; of finest quality; saved from named varieties; mixed colors. Pkt., 25c; 6 pkts., \$1.

**French Mixture.** This is a choice strain of the best French varieties mixed. Pkt., 25c.; 6 pkts., \$1.

**Belgian.** A selection of the best Belgian varieties, in finest mixtures. Pkt., 15c.; 6 pkts., 75c.

**Butterfly Pansy.** Six varieties mixed. Pkt., 25c.

*One packet each of the 10 above varieties in best mixtures for \$1.75.*



TRIMARDEAU.

# VEGETABLE SEEDS.

New and of Special Merit.



CABBAGE, ALL SEASONS.

## CAULIFLOWER.

### Henderson's Early Snow Ball. (True.)

The earliest of all cauliflowers; more sure of heading than any other variety; being ready for market one week in advance; seed sown about first week in March the heads are fit to cut June 12th to 15th, measuring six to nine inches in diameter; of dwarf habit, allowing to be planted twenty by twenty-four inches; seed sown late makes fine heads for fall use. Pkt., 20c.; oz., \$5.



WARREN STONE MASON.

## CABBAGE.

**All Seasons.** This new variety is equal to Henderson's summer in earliness, producing heads one-third larger. Very solid, thick, and when sown late, makes an excellent winter cabbage; adapted to early fall, winter or spring marketing. Its quality is equal to any Drumhead variety.

Good cabbage judges speak of it as follows:

Without hesitation a variety that has not been equalled for surety of heading, whether planted early or late. It is surprising to notice the quickness it will come into head when late planted. It will make heads fit for market, when planted in August, in six weeks. C. L. ALLEN & Co.

Jamesport, L. I.

I was struck with the vigorous and healthy appearance of a piece of cabbages in my garden, called All-Seasons—very early, with large, firm heads, and almost certain to head. I regard it as the best variety of cabbage I have ever raised.

BEN: PERLEY POORE.

West Newbury, Mass.

Comparing the All-Seasons with other varieties, I was surprised at its earliness. Every one headed as hard

as a rock, though they had not an average chance. It is a splendid cabbage.

C. C. PRATT, Gardener, Insane Asylum.

Danvers, Mass.

Price per packet, 15c.; per oz., 50c.; 1-4 lb., \$1.75; 1-2 lb., \$3.25.

**Warren Stone Mason.** This makes a deep, round, very solid head, wrapping its outer leaves very handsomely for protection; very reliable for heading; few, if any varieties, surpass it for field use. Maturing just after Early Brunswick; well adapted to carry through the winter; size and weight about right for a cabbage to be in general use. This variety is largely grown around Boston for a main market variety. Pkt., 10c.; oz., 30c.; 1-4 lb., \$1; 1 lb., \$3.50.

**Henderson's Early Summer.** This was omitted on page 42. Price per pkt., 5c.; oz., 25c.; 1-4 lb., 85c.; 1 lb., \$3.

## CUCUMBER.



PEERLESS WHITE SPINE CUCUMBER.



**Peerless White Spine.** This I think is the finest strain of White Spine cucumber grown either for market or family use, or a forcing cucumber. Perfect in shape, of a dark green color, but white when fully ripe; very prolific, crisp, fine flavor: the best early cucumber for all purposes. Pkt., 5c.; oz. 10c.; 1-4 lb., 25c.; lb., 75c.

## BEANS.

**Black-Eyed Wax Bush Bean.** A distinct new variety, now first offered, is a cross between the Black Wax and Golden Wax Beans, and is the earliest wax bean in cultivation, being from three to five days earlier than either the Black or Golden Wax. A stronger grower, productive, tender. The pods resemble the Black Wax, the seed beans being white, marked around the eye with black spots. Price, 60c. per quart.

**Improved Valentine.** This is sent out as ten days earlier than the common Red Valentine, a dwarf bush variety, and much more prolific. It has tender fleshy pods which remain long on the plants without becoming hard and tough, excellent for pickles, and when cooked are equal to any dwarf variety. In this can be seen a great advancement wanting for years for the market gardener, and equally as valuable for private use on account of its extreme earliness. Pkt., 10c.; qt. 25c.; peck, \$1.50.

## LIMA BEANS, KING OF THE GARDEN.

The introducer of this bean writes as follows:

'A grand march of improvement on the old, worn-out, degenerated sorts. It supplies to the Market Gardener a bountiful profusion of great pods such as they like to pick and which fill the measure so quickly. To the consumer an astonishing percentage of the clean shelled edibles much greater in proportion than any other kind known. One enthusiastic party sent a half peck of the pods containing each six beans to the pod, and stating that 'those ere King Of The Garden's rather got away with anything he ever run across in an experience of sixty-two years as a farmer and bean grower.' A specimen by mail measuring 9 1-4 inches long bearing six fine beans accompanied by the report that it was the 'finest piece of limas ever raised in his garden.'

The market gardener who does not plant the K. O. G. Lima bean, gets left in his market," said one of our best in that profession, at the same time ordering three quarters of a bushel for his own use. Price per pkt., 15c.; pt., 30c.; qt., 60c.; by mail, 90c. per qt.

## BEET.

**Early Eclipse.** The earliest standard variety for family or market. Superior to Egyptian on



BEET, ECLIPSE.

account of being more round, solid; equally as early; color deep red; fine grained and sweet. This strain has, by selections, acquired a fixed distinction from the ordinary strain of Eclipse Beet, and superior for the market men where fine form, color, and earliness is an object, and the growing demand for this variety requires thousands of pounds to supply marketmen. Price, grown from select stock, oz., 15c.; 1-4 lb., 30c.; lb., \$1.

Ordinary grade, pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb. 80c.

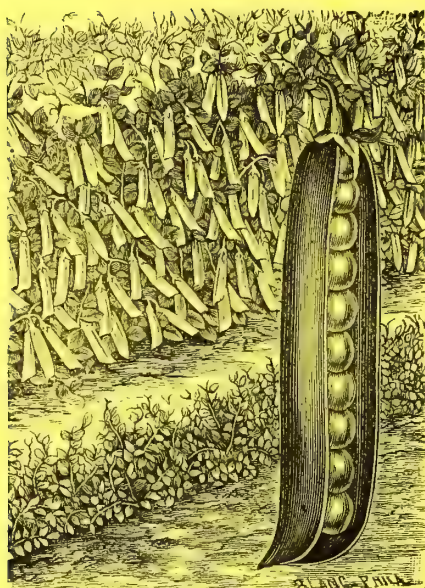


EDMUNDS' BLOOD TURNIP  
BEET.

## Edmunds' Blood

**Turnip.** It is the most thoroughly fixed and uniform in type of any turnip beet grown; deep red in color, sweet, tender, crisp, flavor and quality the best; smooth, globular in shape, of good market size; small top, single tap-root, and is thus adapted for bunching, it is being grown largely for that purpose. Very early, and decidedly is an excellent beet for marketmen's use, popular and much called for wherever it has been once raised and sold. Price per pkt., 5c.; per oz., 15c.; per 1-4 lb., 30c.; per lb., \$1.

## PEAS.



EXCELSIOR PEAS.

**Excelsior.** As an early market or family pea, this stands first among the early varieties. It grows about 24 inches high, producing large, well filled pods, from five to eight peas in a pod; when ripe are nearly round, of a yellowish white color, very sweet and fine flavored. For market gardens this is as early, if not the earliest and most productive, large podded variety of smooth pea grown. Has yielded at the rate of 250 bushels of green pods per acre. Sown on the 25th of April usually are ready for market from the 9th to the 13th of June, from 6 to 10 days earlier than the American Wonder. This seed I grow myself largely for market gardener's trade. For family gardens it is also extensively planted. Being grown at the north on our Vermont hills it should produce better results than seed grown farther south. Seed never in better condition than this season, perfectly free from holes, as the weevil seldom damages peas to any extent in this section. To market gardeners I make special rates on this pea in larger quantities. Price per pkt., 10c.; pt., 15c.; qt., 30c.; pk., \$1.50; bu., \$5.50.

WORCESTER, Mass., 1886.

C. E. ALLEN: Dear Sir:—I planted one bushel of your Excelsior Peas, April 5th. I commenced to market them June 5th. I seeded liberally, planting them on one-half acre of ground, which was in excellent order, manuring with stable manure and guano. They grew about thirty inches high, and such a sight of pods you never saw. From one square rod of ground, by actual measure, I picked in two pickings, two bushels of green pods. This is the largest yield I ever witnessed for early peas. The pods are very large, long and well filled, with 6 to 9 peas in each pod. Be sure and save me two bushels for next year. I was one of the first to get early native peas in the market, which of course always brings the highest price. P. G. R.

MANCHESTER, N. H., 1886.

C. E. ALLEN: Dear Sir:—I think your Excelsior Peas the earliest, largest podded, and most prolific pea ever grown in this city, at least they have so proved this year. J. C. M.

PROVIDENCE, R. I.

MR. C. E. ALLEN: Dear Sir:—Please book my order for 3 bushel Excelsior Peas, they beat anything for early peas we ever had in this section.

S. T. C., Market Gardener.

**Early Vermont.** A new first-early pea originating from careful selections of Improved Dan O'Rourke and First and Best, of much promise for early market and family use, growing about 20 inches high; very prolific and good sized pods. Pkt., 10c., qt., 30c.; pk., \$1.75.

**Alaska.** Sent out this season as one of the first early. In growth, earliness, height, color of peas and general appearance, it resembles the Express, which I imported from France in 1884, and was first introduced in 1885 in this country. It so proved tested side by side last year; a first early market or family pea; 24 to 30 inches high. Pkt., 10c.; pk., \$1.75; bu., \$6.50.



NEW PERPETUAL PEAS.

**Perpetual.** A white seeded wrinkled variety. This to follow the Telephone is the best late variety on account of its continual bearing, maturing just after the Telephone and continues growing and branching until cut by the frost; thus by first planting Excelsior, then American Wonder, Telephone and Perpetual, you have green peas the whole season, from July to October. I was the first to introduce this from England, in 1884. It is a distinct variety from Bliss Everbearing, and the best continual bearer I have any knowledge of, very popular and seed scarce. It requires no bushing, growing and branching about 24 inches high; seed wrinkled; a wonderful cropper, strong and robust; foliage attractive. Several market gardeners in this section grew largely of it last season for a general late crop, and report to me as being a more profitable variety than the Marrowfat; the average yield being



more. I should like more to give it a trial this year. Very desirable for family or market; tender, sweet, and well-flavored. On account of its branching habit they should be thinned to about 12 inches apart, sow in rows 2-2 feet apart. Pkt., 15c.; pint., 20c.; qt., 40c.

**Lightning Pea.** The introducer says after an exhaustive trial, and as the result of careful selections, this pea is first offered this season, as what we consider *the earliest pea in the world*, and confirmed by the result of trials made by some of the best known gardeners in the country. A good cropper, vigorous growth; pods long, often in pairs. Price, 15c. per pkt.

**For a succession crop sow EXCELSIOR or EARLY VERMONT for first early. Then**

**AMERICAN WONDER,  
TELEPHONE,  
PERPETUAL,**

and you will have peas from June to October, by sowing above at one time in April or May.

**Long Island Mammoth.** A great favorite with market gardeners on Long Island. A green pea, slightly wrinkled; 3 1-2 feet high, producing unusually large crops. Pods and peas very large and well filled, of the best quality; matures a few days later than Advancer. Pkt., 10c., qt., 30c.; pk., \$2; bu., \$6.75.

**DANDELION.**

**Improved French Broad-Leaf.** The seed of this variety has been saved from selected specimen plants producing the largest and greatest amount of leaves to the single plant. Single specimens prepared for market weighing over four pounds each. Nothing is more wholesome for greens than the dandelion. Thousands of tons are now sold in the markets where a few years ago few were to be found. See illustration, page 46. Pkt., 10c.; oz., 40c.; 1-4 lb., \$1.25.

**Henderson's White**

**Plume Celery.** The inner stalks and leaves are naturally white and do not require earthing up like other varieties; tie the stalks together and draw a little earth about the plant is sufficient. However, in my experience, the earthing up like other varieties, adds much to its flavor and tenderness. It is a good keeper, tender, good flavor, and quite ornamental. What I have seen of this variety I think favorably of it; a good grower; very white, and free from rust. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.

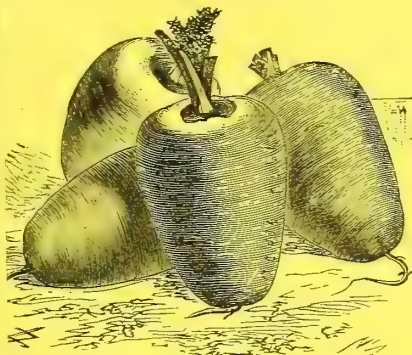


**WHITE PLUME CELERY. New Rose Celery.** This is said to be more hardy and solid than the white varieties, and better keeper. Fine flavor, solid and crisp, the best of the red varieties; white when bleached. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.

**CARROT, (Oxheart.)**

A decided improvement in shape. It is intermediate between Danvers and Short Horn varieties, growing to the diameter of 3 to 4 inches. At the New York experimental station this yielded one-third more than any other variety, tested beside 25 leading varieties. Pkt., 5c.; oz., 20c.; 1-4 lb., 40c.;

lb., \$1.15.



GUERANDE OR OX-HEART CARROT.

**Carrot Chantenay.** This new carrot originated in France. Similar to Danvers, but av raging more perfect in form, of rich dark orange color, maturing just after the Danvers, but yielding much heavier crops. Pkt., 10c.; oz., 20c.; 1-4 lb., 40c.; lb., \$1.15; by mail, \$1.30.

**TOMATOES.**

**New Tomato Beauty.** Introduced last season, and proved the earliest large tomato out of six leading standard varieties, ripening with me July 14th, and continuing till cut by frost; smooth, solid, good size, few seed, of excellent flavor. I offer a superior strain of my own saving from the best selected tomatoes. Pkt., 10c.; oz., 35c.; 1-4 lb., \$1.25.

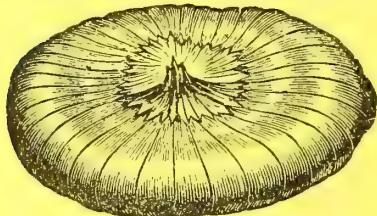
**Tomato Golden Queen.** To those who are fond of the yellow tomatoes, this is the most beautiful variety ever sent out; very solid, smooth, free from any wrinkles or ridges; as large as ordinary tomatoes. Makes an attractive dish when sliced with red varieties. Pkt. 10c.; oz. 40c.



BEAUTY TOMATO.

## ONION.

**Improved Yellow Globe Danvers.** This seed was grown especially for my trade, in the great onion district of Massachusetts, from selected hand picked onions, by one of the best and most noted onion growers in the state. See page 48. Pkt., 5c.; oz., 25c.; 1-4 lb., 65c.; lb., \$2.35.



EXTRA EARLY PEARL ONION.

## EXTRA EARLY BLOOMSDALE PEARL.

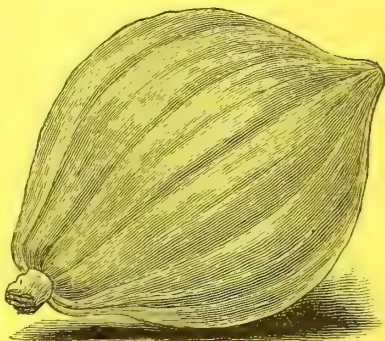
The most remarkable early onion yet introduced. I have had it on trial two years, also tested by many of my customers; all speak of it in the highest terms, growing almost as rapidly as a radish; flat, white skin, and very mild. Pkt., 10c.; oz., 30c.



## SQUASH, (New Bay State.)

This originated with Mr. Low in 1883, first offered this season. An improved type of the Essex Hybrid; more solid, heavier, earlier, and its flavor more dry and sweeter; differing in color, being light green, and flesh of a bright golden yellow; equally as productive, averaging in weight 10 to 12 lbs. Pkt. 15c.; oz. 25c.; 1-4 lb. 75c.

**Squash, New Early Prolific Marrow.** This has proved, on trial in different sections of the country, a valuable variety for fall and winter, and it is doubtful if any equal it in productiveness; earlier than ordinary marrow, and to those who



NEW EARLY PROLIFIC MARROW SQUASH.

have been troubled in obtaining seed that produce a large, overgrown marrow, you will find in this a squash of about the right size for market; 8 to 12 pounds each. For market or family use it will be a popular summer variety. Color, orange, shaded red; its cooking and keeping qualities are the best. Pkt., 10c.; oz., 25c.; 1-4 lb., 75c.; lb., \$2.75.



WATERMELON, STOKES' EXTRA EARLY.

**Watermelon, Stokes' Extra Early.** This new melon is the earliest of all. The illustration shows their shape, which is nearly round, dark green skin, slightly mottled with white. The flesh is deep scarlet, remarkably solid, and in delicious sugary flavor is unsurpassed. Their average weight is about 15 lbs. The seed is very small, being only about half the size of other melon seeds. They are also much more productive than the larger sorts, and for family use are quite unequaled. Pkt., 10c.; oz., 25c.; 1-4 lb., 85c.

**Florida Favorite Watermelon.** An oblong melon; color light and dark green mottled; flesh crimson, of delicious flavor, crisp and sweet; seed small, nearly white. It ripens medium early, and claimed the finest melon for table use. Pkt., 10c.; oz., 25c.; 1-4 lb., 65c.

## MUSK MELON.

**Miller's Cream.** Mr. Gregory says of it: "The best recommend I can give is that marketmen last season bought up all the seed they could procure at \$5 per pound. A cross between those two delicious melons, Sill's Hybrid and Cassaba, growing rather larger than the former. The flesh is of a rich salmon color, very sweet and melting in quality, and is so very thick that the melon is almost solid, the seed cavity being remarkably small. The rind is thin, and but little netted. The vine is a strong grower, and very productive, covering



the ground with fruit. Tested side by side, it was not excelled in productiveness by any of the varieties in my experimental grounds."

I will advise all my customers who like a *First-class* melon, by all means to try the Miller. Pkt., 10c.; oz., 25c.

**Montreal Market Musk Melon.** This is not

new, but introduced two years ago, and seems to give general satisfaction wherever tried. Grown largely at Montreal, and other large markets, as the leading variety; of large size, often 12 to 15 pounds; attractive in market; of finest flavor, green flesh, netted. Pkt., 5c.; oz., 15c.; 1-4 lb., 30c.; lb., \$1.

## ENSILAGE CORN.



The grower of this corn, writes as follows:

"For a number of years my entire crop of corn was bought by one commission merchant; often he paid me above market rates for white corn. For a long time it was a mystery why he always sought my corn, and on asking him, he told me 'it was for shipment to the dairy districts of the German States, to be sown for soiling purposes.'" It is a white corn, with a long, horse-tooth grain; a very large and tall stalk, with dense foliage. Have grown it for twenty years, always selecting the most desirable ears. For grain it is not recommended further north than Maryland, it being a late grower. But for the northern states, for ensilage purposes, it is recommended with undoubted confidence that it will produce twice the fodder of any northern grown variety, being now tested five years in Vermont. It is a well-known fact that plants raised in the south produce more foliage than those raised in the northern states. The southern farmer uses no other hay for working stock than leaves of corn, not by cutting down stalks, but by stripping the blade from the stalk, and it is therefore necessary to have the corn with tall stalks and long leaves thickly set. There is a great difference in southern corn; this is the genuine Gourd seed, and is recommended as the best Southern Corn suitable for ensilage. My seed is direct from the grower, tested, and know will grow.

Price to June 1, 1887: Per single bushel, \$2.10, or in bags of 2 bushels, \$4 per bag; 2 bags, or 4 bushel, \$7.50; 10 bushels, or 5 bags, for \$17; delivered on board cars and no charge for bags. Common White Southern Corn, per bushel, \$1.25; 5 bushels, \$6.

SIERRA, Sierra Co., Cal.

MR. C. E. ALLEN: Dear Sir:—I received eight fuchsias from you to-night, and they were all in fine order. I received the other order that you sent to Mrs. Northrop, yesterday. They were all in fine order. With many thanks for your kindness, I remain yours truly.

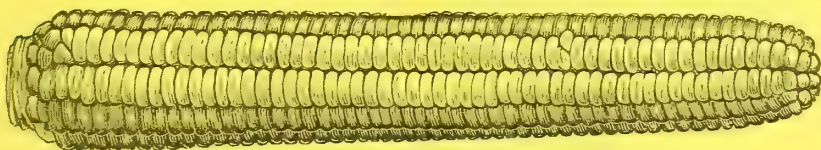
MRS. MARY BLATCHLEY.

MADISON C. HOUSE. Virginia.

MR. C. E. ALLEN. Dear Sir:—The roses and other plants I ordered a few days ago, came to hand yesterday in fine order. After laying them in water a short time, they looked as fresh as if they had not been moved from their far-away home. Please accept my sincere thanks for such thrifty plants, and the extra ones of such merit. I shall order from you again, and recommend you to my friends.

Yours truly,

F. KETURA FRAY.



EARLY BURNHAM CORN. (SEE OVER).

## FIELD CORN.

**Early Burnham.** This is an eight-rowed corn originated by a cross of E. Holden's and E. Canada yellow, and is now considered the best early field corn now grown in this country. The seed offered was grown about ten miles north of here by a farmer who has the name of growing the best corn in his own town. Price per 12 ears, 40c.; per qt., 15c.; per pk., 60c.; per bu., \$2.00.

## RUBY KING PEPPER.

They grow four and a half to six inches long, by three and a half to four inches broad. When ripe, are of a bright ruby-red, always remarkably mild and pleasant to the taste; handsome and very productive. Pkt., 10c.; oz., 40c.

## NEW LETTUCE.

**Tomhannock.** A new lettuce of fine quality which it retains a long time during growth; leaves upright and handsomely wrinkled, the inside leaves nearly white and exceedingly tender, growing quick, and still slow to run to seed; excellent for family use. Pkt., 15c.; oz., 50c.



EARLY CRIMSON.

**Lettuce, Early Crimson.** This is a very early lettuce, forming a large mass of leaves more than 12 inches across; very early; light green in the centre, and reddish crimson and green mottled on the outer leaves; one of the best and most tender lettuce for family use I am acquainted with. Pkt., 10c.; oz., 50c.



# NOVELTIES.

## Scarce and Rare Plants and Seeds.



ROSE WHITE TEA, THE BRIDE.

**The Bride.** This is a sport from Catherine Mermet; pure white, large size, long and fine form. The blooms are of fine texture, lasting longer in a fresh state after being cut, than any other known variety, and has the recommendation of producing more flowers than its parent. The fact of its being like Catherine Mermet in habit and growth should create a large demand; excellent for summer or winter blooming. Price, 20 and 30c. each.

**Countess de Freigneuse.** This is nearly equal to Perle des Jardin; light yellow, fragrant; buds long and pointed; free grower and bloomer. Price, 50c. each.

**Papa Gontier.** A new crimson ever bloomer, now attracting much attention; has proved valuable for open ground and greenhouse; a strong, vigorous grower, blooming freely, with large, finely-formed buds; very double and fragrant. 35c. each.

**“Mad. Jean Sisley.”** A promising new tea rose, after the style of Marie Guillot. The flowers are pure white, with delicate tea fragrance—buds large, pointed, full and double; will doubtless prove valuable for summer cut flowers. 50c. each.

**Souvenir de Victor Hugo.** A very handsome new ever-blooming rose from France, of fine chamois red, with salmon centre; large, well formed, and very fragrant. Price, 50c. each.

## Hardy Hybrid Perpetual Roses.

Four new and choice varieties. The 4 varieties represented on last page of cover are  
American Beauty, Marshall P. Wilder,



## \*Plant and Seed Catalogue.\*

Baronesse Rothchild, La France.  
These roses are hardy and will stand the winter without protection. The two former are new, and the others are very choice and popular standard varieties. I offer plants, viz.:

	SMALL SIZE.	LARGE SIZE.
M. P. Wilder,	30c. each,	50c. each.
American Beauty,	30c. "	50c. "
La France,	20c. "	35c. "
B. Rothchild,	30c. "	50c. "

4 above, small size, 90c.; large size, \$1.50.

For description see below.

**American Beauty.** A seedling, found in the gardens of Mr. Baucroft, at Washington, D. C., who has the finest collection of roses in the city. "American Beauty" is a rose of large size, having the ever-blooming qualities of the Tea Rose with the delicious odor of the Damask or Moss Rose; equally valuable for winter or summer flowering. In color it is a deep brilliant pink, shaded toward the centre with rich carmin; the choicest and most valuable new rose offered for some time; very double, fine grower, and unusually free for a hardy rose, every shoot producing a flower.

**Marshall P. Wilder.** This originated in Rochester, N. Y., from seed of Gen. Jacquimenot, and has flowered four seasons, giving ample time to judge its qualities; vigorous growth, healthy foliage; flowers large, semi-globular, full, well-formed; color, cherry-carmine, and very fragrant. The past season it continued to bloom profusely long after the other Remontants were out of flower. In brief, it may be described as an improved Alfred Colcomb. It is undoubtedly the best



AMERICAN BEAUTY.

American Rose yet offered of its color.

For description of B. Rothchild and La France, see pages 80 and 81.

12 other good hardy roses, see page 78.

12 choice and popular new and standard forcing fancy varieties, see page 78.

## NEW RARE AND CHOICE DOUBLE GERANI- UMS.

**Mikado.** This variety originated with me last season from a large collection of seedlings, and I think is one of the finest double varieties now grown. Color of a soft delicate pearly rose, after the style of Mrs. E. G. Hill, but more delicate. Plant strong and robust; exceedingly free bloomer; truss and flowers very large. See illustration. Price, 35 cents each.

**New Double Geranium, Old Gold.** Of rare colors this is the most distinct variety of its shade, being of a double chrome yellow, a strong, erect grower, with beautiful large truss, rendering it very attractive when in bloom. When flowering last summer it attracted more attention, and sold the most rapid of all geraniums on account of its peculiar rich and new shade among double geraniums which is rare in this class. Price, 35c. each.

**Jeannette.** This is the best double white geranium I am acquainted with; very large truss, on long stalks, and each individual flower is above the average size.



NEW DOUBLE GERANIUM MIKADO.

It retains its pure white color in summer or winter, as a house plant or when bedded out. 30c. each.

**Gloire de France.** A new French variety. The individual flowers are large, round, and perfect in form, and of a waxy, salmon white color, with a dark, citron red centre. The trusses are large, finely formed, and are borne on bold, handsome flower stalks. The appearance of a well grown plant is sure to create a surprise. 35c. each.

**Marvel.** Rich maroon, with orange margined petals. The individual flowers are very large, the petals incurving to the centre; trusses flat and of fine effect. This is an entirely new type of flower, and has been the admiration of all who have seen it; most distinct. 35c. each.

**Mary Hill.** Rich deep pink of the purest shade; the flowers are of the largest size and of excellent form; trusses very large and spreading. Flowers at all seasons most profusely; the growth is excellent. Awarded Certificate of Merit by the New York Horticultural Society. 30c. each.

**S. A. Nutt.** The best of all rich dark crimson varieties. The flowers are of perfect shape and large size; the trusses massive and produced in great number; the habit is close, compact and branching, plants in five-inch pots frequently carrying from six to eight trusses. It is an excellent bedder and a perfect pot plant—one that must find its way into every collection. Awarded Certificate of Merit by the New York Horticultural Society. 30c. each.

**Thomas McMurray.** Very rich cerise-red flowers of largest size and best shape; trusses perfect in shape and quite large; the habit is compact, forming perfect specimens, whether in large or small plants; a really desirable variety. Awarded Certificate of Merit by the New York Horticultural Society. 30c. each.

*The entire collection of double geraniums are first offered by me this season, with two exceptions; the entire collection of 8. \$2.*

## NEW CHOICE AND RARE SINGLE GERANIUMS.

**King Olga.** The finest single pink Geranium yet offered; flowers double the size of Master Christine, and every way a first-class variety in growth and bloom, and should have a large sale. Price, 20c. each.

**Ferdinand.** Intense purplish crimson; the finest dark Geranium yet offered, approaching the nearest to purple of any other variety; excellent in habit, form of flower and growth; creates a large demand where its flowers are seen. 35c. each.

**Cygnut.** Immense truss of flowers of the purest white, coming in bloom very early, and very free. 30c. each.

**Mrs. John Thorpe.** A variety of neat habit, having flowers of a chaste pearl blush color, with pure white markings on top petals; the trusses are of fair size, globular in outline; an effective pot plant. 30c. each.

**Sam. Sloan.** A very fine deep crimson variety of the nosegay section, having very large trusses, which are freely produced. It has proved an excellent bedder of very pronounced effect, and will be a variety much sought. 30c. each.

**Albion.** This variety is said to be the finest single white Geranium in cultivation. The flowers are pure white, without a particle of color. The flowers are very large, with heavy, waxy petals. Very free flowering. 40c. each.

## CARNATIONS. New and Choice Varieties.

**New Carnation Sunrise.** This is the best variegated carnation of its color; orange, striped

crimson; flowers full, double frilled, and fragrant. A strong, healthy grower, very free blooming; on account of these good qualities, will remain a standard until others better supercede it. I have grown it a year, and find its habits good. Price, 20c. each; \$2 per doz.



CARNATION SUNRISE.

**Annie Webb.** This is the new crimson carnation now largely sold in cut flower market in Boston; superior to Crimson King in all respects. 25c. each; \$2.50 per doz.

**Alegatiere.** A new scarlet, sent out two years ago; largely grown in some sections; worthy of trial in any list. Price, 15c. each; 12 for \$1.50.

**Longfellow.** From the 50 new carnations I have tested during the past 5 years. I consider this one of the very best. I have grown it for two years, and counted at one time on a single plant, over 200 buds and blooms; such clean, large and thrifty foliage; never has shown any sign of disease or weakness. Its color is a soft rosy salmon flower; immense in size, but full, double and perfect, opening beautiful. Price, 25c. each; \$2 per doz.

**Scarlet Queen.** A pure, bright, dazzling scarlet, showing none of the disease or weakness when forced, like Lady Emma. It is really a very fine scarlet carnation; early bloomer, and clean; thrifty grower; with long stems; fringed and fragrant; medium size, and never bursts. Price, 20c. each; \$2 per doz.

**Buttercup.** Its color is deep, canary yellow. The first and only pure yellow Carnation yet offered; at times it occasionally is dotted with a faint stripe of light red, but usually true. Its flowers are of good size, full, double, from two to three inches in diameter, never bursting; a fine and early bloomer; plant hardy and robust, and very popular; in large demand for cut flowers. 25c. each; \$2.25 per doz.

**Pride of Penhurst.** This variety has created a sensation in England; a strong, vigorous grower, of good habit. The flowers are large, double, finely shaped, golden yellow in color, never tinged with crimson as most other yellow varieties are.





CARNATION LONGFELLOW.

Price, 75c. each.

**Robt. Craig.** Flowers large, fringed; free-flow-  
ering; vivid scarlet; dwarf habit. Price, 30c.  
each.

The following are new Carnations originating with  
a noted Boston grower, and some from France,  
first offered this season:

**Melle Carle, Boissy, Orient, Clifton, Flor-  
ence, Paxton, Silver Lake.**

The collection of 7 for \$1.75.



CHRYSANTHEMUM.

My list of Chrysanthemums contain the best stand-  
ard varieties. For best 12, see page 61.

## NEW BOUVARDIA.

**Scarlet Prince.** The above-named variety was  
raised in Stamford, Conn.; an improvement on  
"Leiantha;" similar in foliage and habit, but the  
flower trusses are larger, and are a clear, dazzling  
scarlet color; the best single Bouvardia of its col-  
or. 50c. each.

## NEW DOUBLE BOUVAR- DIA.

**Victor Lemoine.** A new double scarlet variety;  
an improvement on Thomas Meehan, as it is of a  
brighter color, freer habit, and more vigorous  
growth. Has proved to be the best of the  
double flowered, colored varieties. 50c. each.



## DOUBLE FRINGED PETU- NIA.

**Mrs. Coleman.** This is the finest double white  
fringed Petunia ever offered. It grows about 10  
inches high, of dwarf, compact habit, producing  
flowers more freely than any variety I ever saw,  
growing almost in pyramid form. The flowers  
are so double as to represent a half ball, and very  
deeply fringed; without exception the best known  
variety in habit, form of plant and flower, in the  
whole class of double Petunias; valuable for cut  
flowers when white flowers are needed. Price,  
30c. each; \$3 per doz.

For other new varieties, see page 72: the collection  
of 4 distinct sorts, \$1.

## NEW VERBENA, (Large Flowering.)

**Union.** It is remarkable for its enormous white  
eye or center. The center is so large that it is  
really a pure white Verbena encircled by a rim of  
violet blue. 40c. each; 3 for \$1.

**Galatea.** A fine striped variety; flowers good  
size, bright scarlet, evenly striped with white;  
very constant. 40c. each; 3 for \$1.

Other new, large flowering Mammoth Verbenas,  
see page 84.



## \$1.00 Collections.

Those unacquainted with varieties, these collections enable the purchaser to select **12 Plants** at very low rates. They are not culled plants, but good, healthy and well rooted, many of them of the best new varieties. The plants are labeled, printed directions sent with each package for their treatment, and guaranteed to reach the purchaser in good order.

My aim is to satisfy all who favor me with their orders, but cannot forward at these low rates for less than \$1, the choice of varieties always left with me. Those who prefer less than \$1, and wish to make their own selection, can choose from the Catalogue, where price and description of single plants are given. I forward free of postage to every State and Canada, and offer liberal inducements to clubs of \$5 or \$10.

# 25 Verbenas, \$1; 100, \$3.

Varieties			Varieties			Varieties		
12 Ageratum,	1	\$1	15 Feverfew,	3	\$1	12 Pelargoniums,	12	\$1
15 Alternantheras,	4		15 Geraniums, single,	12	1	8 Primrose, single,	mixed,	1
6 Amaryllis,		.50	15 Geranium, double,	12	1	12 Petunia, double,	4	1
15 Basket Plan's,	12	1	8 Geraniums, gol'n br'n	8	1	15 Petunia, single,	mixed,	1
15 Begonias,	12	1	12 Geranium, sweet sce'd	12	1			
12 Bouvardias,	3	1	12 Geraniums, ivy leaf,	6	1			
15 Carnations,	12	1	12 Gladiolus,	mixed,	.50			
6 Calceolarias,		.50	15 Heliotrope,	6	1			
12 Centaurea,	4	1	12 Ivies, English,	1	1			
15 Coleus,	12	1	12 Lantanas,	12	1			
15 Chrysanthemum,	12	1	15 Smilax,					
8 Cyclamen,	1	1	12 Oxalis,	3	1			
12 Daisy, Double,	1	1	10 Pansy,	mixed	.50			
15 Fuchsias,	12	1	20 Pansy,	mixed	.50			

## 12 ROSES,

Everblooming,	12	1
12 Roses, Hardy P'p'tual	12	1
12 Roses, Climbing,	8	1
18 Roses, Moss,	5	1
15 Salvias,	4	1
15 Tuberose, double, pearl,	1	1
12 Verbenas, Lemon,	1	1

Purchasers can select 12 plants, 1 of a kind from above list, for \$1, except Moss Rose, Primrose, Bronze Geranium and Cyclamen; of those 8 plants may be selected for \$1. Four \$1 packages for \$3; eight \$1 packages for \$6; fifteen \$1 packages for \$10; 16 plants (16 varieties) my choice, from above list for \$1. 3 Golden Bronze Geraniums, including the new Happy Thought, J. Offin, Distinction, Crystal Gem, Exquisite, Goldfinch, Richard Thornton and Model, for \$1.

For \$1 will send 1 each, Primrose, Tuberose, Moss, Tea, Bourbon, Hardy, Climbing and China Roses, fine, strong plants. (8 in all.)

For \$1 will send one each, Camellia, Azalia, Wax Plant, Bouvardia and Calla.

For \$1 will send 1 each Stevia, Eupatorium, Calla, Bouvardia, Canna and Caladium.

For \$1 will send 2 Dahlias, 2 Cannas, 1 Caladium, 1 Hardy Phlox and 1 Monthly Rose.

For \$1 will send 3 varieties Japan Lilies, 1 Paleonia, 1 Hardy Phlox and 1 Hardy Rose.

For \$1 will send 3 varieties Climbing Honeysuckle and 3 varieties Hardy Flowering Shrubs.

For \$1 will send 1 each, Century Plant, Echeveria, Cactus, Artillery Plant, Abutilon and Hardy Rose.

For \$1 will send 1 each, Fern, Ornamental Grass, Abutilon, Cobea, Hydrangea, Gloxinia and Cyclamen.

When ordered by express, will send 4 \$1 packages for \$3; 5 \$1 packages for \$3.75; or 7 \$1 packages for \$5; all labeled.

## ROSES.

I deliver to any part of the United States or Canada, free of postage, strong, pot-grown plants of Everblooming Roses that will give an abundance of flowers during the summer and guarantee them to arrive safely. 7 beautiful varieties for \$1; 16 varieties for \$2; 24 varieties for \$3; 32 varieties for \$4; 40 varieties for \$5; your choice, all labeled. I will also forward 12 Roses, my choice of varieties, not labeled, by mail prepaid for \$1; 25 for \$2. See mailing list above.

The Roses are all wintered in cold houses, and are in condition to produce the very best results for summer blooming, with proper treatment.

## Collections for Bedding Out.

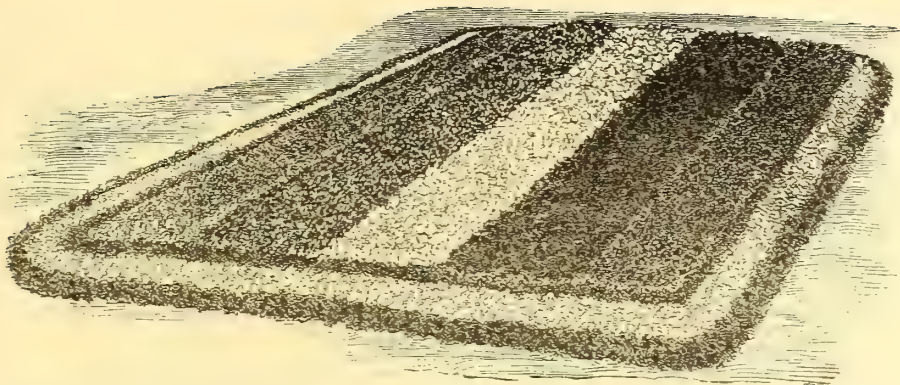
For the convenience of those unable to select best bedding varieties, I offer below a list selected with my best judgment, only the most distinct and free blooming sorts among our best new and old varieties which are most likely to please the purchaser. Large, strong plants, ready for immediate bloom, by mail or express.

Six Best Sorts.			Six Best Sorts.			Six Best Sorts.		
Carnations,	\$1.00		Geraniums, Single,	75		Pansies,	\$0.35	
Coleus,	75		Double,	75		Petunia, Double,	1.00	
Dahlias,	1.00		Golden Bronze,	75		Pelargoniums,	1.00	
Fuchsias,	1.00		Silver and Golden			Roses, Everblooming,	75	
Heliotropes,	75		Tri-color,	\$1.00		Summer Blooming Bulbs,	75	
Lantanas,	75		Ivy Leaf,	50		Verbenas,	30	
			Sweet Scented,	75				

Four \$1 packages, by express, \$3; 6 \$1 packages, by express, \$4.50; 15 \$1 packages, by express, \$10. For larger quantities, \$4 to \$12 per 100.







**RIBBON BED OF PHLOX DRUMMONDII.** Arranged in colors, White, Scarlet, Purple, Etc. For Seed, see page 33.

# FLOWER SEED DEPARTMENT.

## SOWING SEED.

It is necessary to exercise special care and attention to the important part of growing plants from seed, in most cases.

The time of sowing to germinate well, is regulated by the condition of the season and soil. In this section, flower seed are sown in open ground from the tenth to twentieth of May, as the weather is then warm and the soil mellow and settled in the best condition to receive seed to germinate quickly. If much earlier, the ground is too cold and wet to receive them, causing more frequent complaints. Many seed of a hardy nature, like Pansies, Sweet Peas, Candytuft, Alyssum, Dianthus, Sweet William, and Hollyhock, can often be sown by the 15th of April, as they delight in a cool soil and air. Should they appear above ground and be overtaken by a slight frost, it will not injure them. In order not to mislead those unacquainted with the subject, the tenth to twentieth of May is the most successful part of the season for planting seed of all kinds in this section in open ground; too early, it is often cold and unfavorable, too late is often too hot and dry. All seed of a fine, delicate and tender nature, should be sown in shallow boxes, where special care can be given in regulating heat, moisture and partial shading from too hot exposure to the sun. Careless sowing, either too deep or too shallow, unfavorable weather, and inattention after the plants are out of the ground, are causes of the most general complaints. Whoever sows them is not always in fault, however. In many cases it is often placed in care of careless and inexperienced help; the seedsman is then blamed by those who do not understand the nature of the various kinds of seeds.

Some varieties germinate freely in a cool atmosphere, while Asters, Balsam, Cobæa, and Cyclamen, require a higher temperature. Among those of a delicate nature requiring special care in sowing, and the seedlings, when young, are Begonia, Gloxinia, Calceolaria, and Coleus, and will not grow only under favorable treatment. Cypress Vine, Canna, Thunbergia, and a few others, grow more freely, if soaked in water, while it would be death to Palms and Cactus. It is sometimes the case that

Clematis, Smilax and Lantanas, will lie dormant for six months in the seed box, then, being exposed to a favorable temperature, germinate freely. It is often the case too much water is given to tender seed kept in too low a temperature, and often not enough in a high heat; possibly the seeds have sprouted, but not appeared above ground; upon examination it is found they have decayed or dried out.

For nearly all kinds of flower seeds it is the safest to start in the house in shallow boxes: when of sufficient size transplant to the open ground, if weather is favorable and all signs of frost have disappeared. A safe rule is to cover no deeper than the thickness of the seed. In sowing all fine seed, like Petunia, Begonia, Calceolaria, Coleus, Cyclamen, Carnation, Geranium, Primrose, prepare shallow boxes 2 inches deep, fill with fine pulverized soil, sow the seeds in rows 2 inches apart, which is preferred rather than broadcast; cover seed one-sixteenth of an inch with the finest of soil, then moisten well and cover with paper; if you have panes of glass to cover the box, it will keep the temperature more even and gather moisture, requiring little if any water until the seeds are up. Care should be taken to leave the glass open a little for the circulation of air. As soon as the seedlings appear, remove the paper and glass, give air and all the sun they can have, causing them to grow strong and stocky; when they have shown second or third leaf, transplant into pots or cold frame. When weather is warm, plant in the open ground. Seeds of a hardy nature, to germinate, require a temperature of 45° to 70°, those of a tender nature, not less than 60° at night or above 80° in the sun.

In order to insure safety from uncontrollable weather, of most kinds of flower seeds, I would advise starting in boxes in the house, cold frame or hot-bed, especially all the choice kinds, where the moisture, air and better care can be given them, as nearly all kinds are transplanted with safety.

As to freshness, purity and quality, all seeds offered in this catalogue will stand test beside the most reliable growers in this country. All who have not time to start seeds in boxes or otherwise early, can follow

## GENERAL DIRECTIONS FOR THEIR CULTURE.

**HARDY ANNUALS** may be sown in the month of May or June. For garden culture use a light, fine compost, composed of garden soil and well-rotted manure in equal parts, spreading a few shovelfuls where the seed is to be sown, to strengthen and increase the growth of the young plants, sowing the seeds where the plants are intended to bloom, and regulate the depth of the sowing by the size of the seeds. As soon as the young plants are an inch or two high, thin out, and keep the earth loose and free from weeds by frequent hoeing.

**HARDY BIENNIALS AND PERENNIALS** require the same treatment as Hardy Annuals. In addition to the above, they may be sown in the open border in September, and, as soon as the frost appears, cover slightly with straw or dry litter, so as to protect them from the severity of the winter. As soon as the weather will permit in the spring, the covering should be removed and the earth loosened.

**HALF HARDY AND TENDER ANNUALS** should be sown in a light, sandy compost, in pots or shallow boxes, in March or April, placed in a warm room or in a moderate hot-bed. The finer seeds should be but slightly covered, and the soil pressed closely over them, and if the house or frame is very warm, they should be frequently watered. As soon as the seed leaf is fully developed, transplant into shallow boxes, two or three inches apart, and when they have acquired sufficient strength, which will be about the latter part of May—transplant into flower beds.

Seed should not be sown in the open ground, in this vicinity, before the middle of May. More failures are caused by too early sowing than any other cause. As soon as the ground becomes warm, all seeds can be sown.

**Annuals** bloom the first year and die.

**Biennials** bloom the second year and die; some, where sown early, bloom the first and second years.

**Perennials** generally bloom the second year, growing and blooming for many years.

## Climbers of Rapid Growth.

[From seed.]

Abobra,	Dolichos,
Ornamental Gourd,	Tropæolum,
Morning Glory,	Adlumia,
Sweet Pea,	Cobea,
Balloon Vine,	Clianthus,
Clematis,	Maurandia,
Canary Bird Flower,	Cypress Vine,
Everlasting Pea,	Nasturtium, tall,
Hyacinth Bean,	Smilax,
Ipomea,	Thunbergia.

## Everlasting Flowers.

Acroclinium,	Helichrysum,
Ammobium,	Rodanthe,
Globe Amaranthus,	Xeranthemum.
Gypsophila,	

## Large Plants for Groups.

Canna,	Ricinus, or Castor Bean,
Hollyhock,	Sunflower,
Amaranthus,	

## Seed for Ribbon Beds.

Alyseum,	Phlox Drummondii,
Aster,	Petunia,
Candytuft,	Pansy,
Centaurea,	Portulaca,
Dianthus,	Lobelia,
Dwarf Ageratum.	

## Seed for House or Hot House.

[Growing requiring careful attention.]

Abutilon,	Echeveria,
Climbing Asparagus,	Gladiola,
Begonia,	Geranium,
Calceolaria,	Gloxinia,
Carnation,	Lobelia,
Cobea,	Lantana,
Centaurea,	Smilax,
Chrysanthemum,	Oxalis,
Clematis,	Petunia Double,
Clianthus,	Pyrethrum,
Coleus,	Primula,
Cineraria,	Salvia,
Cyclamen,	Stock,
Erythrina,	Tr toma,
Fuchsia,	Viola,
Dahlia,	Wistaria.

Seeds in collection from above, 50 cents and \$1 00.

## INDUCEMENTS TO CLUBS.

To those who may club together and send their orders in one letter, and for the purpose of encouraging such clubs, I offer the following terms:

**Persons sending \$1.00 may select seeds in packets at catalogue prices, amounting to \$1.25**

"	"	2.00	do.	do.	2.65
"	"	3.00	do.	do.	4.00
"	"	4.00	do.	do.	5.50
"	"	5.00	do.	do.	7.25
"	"	10.00	do.	do.	13.50
"	"	12.00	do.	do.	18.00
"	"	15.00	do.	do.	22.50
"	"	20.00	do.	do.	30.00

No variation whatever will be made from above rates. Prices to dealers, whose orders exceed the above amount, will be given on application. They will be put together in separate packages and sent to one address, postage paid. I will make the same allowance to any one person ordering for himself alone. But bear in mind, this discount is allowed only on flower and vegetable seed ordered **by the packet, not by the ounce or pound.** All flower seed sent by mail on receipt of price.

*This discount is not allowed on plants.*

*All flower seeds not grown by myself are imported from the most reliable European growers, or obtained from responsible American growers, and thoroughly tested before sent out.*

## ABOBRA.

**Abobra Veridiflora.** A rapid

and beautiful climbing gourd, producing freely, dazzling scarlet fruits, forming a striking contrast with the dark foliage. 6 feet. Half hardy perennial, 10



ABOBRA.



## ABRONIA.

Pretty creeping plants, with verberna-like heads of sweet-scented flowers. Half hardy annuals.

**Abronia Umbellata.** Rosy lilac, 1-2 ft., 5  
 " **Arenaria.** Yellow, 1-2 ft., 10

## ABUTILON.

Bloom freely in winter and spring and bedded out in summer, bell-shaped flowers of various shades of white, yellow, crimson. Perennial, finest mixtures of new sorts.

## ACONITUM.

(Monkshood, Wolfsbane.)

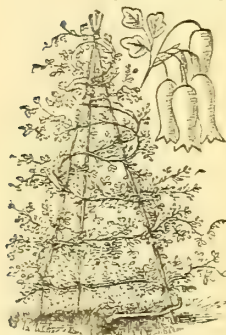
Showy, hardy perennials, growing well under trees, shrubberies, or other shaded situations.

**Aconitum Napellus.** Blue and white, 2 ft. 5

## ACROCLINIUM.

One of the best of everlasting flowers, much used for winter bouquets; the flowers should be cut before they are fully expanded. Half hardy annual.

**Acroclinium Album.** Pure white, 5  
**Roseum.** Bright rose, 5  
**Mixed Colors,** 5  
**Double.** Larger than the single, and very double, bright rose color, 10



## ADONIS.

Embrace several border flowers. I offer only the annual varieties. They are quite showy, remaining a long time in bloom; hardy annuals; sow seed in open ground.

**Adonis.** Mixed colors, 5

## ADLUMIA.

A beautiful climbing plant of graceful habit; hardy annual.

**Adlumia Cirrhosa,** (Mountain Fringe.) White; 15 feet, 10

## AGERATUM.

Very valuable and showy plants for large clumps, blooming throughout the summer, and if lifted and potted in the fall, and placed in the parlor or greenhouse, will keep up a succession of beautiful flowers all winter. Half hardy annual.

**Ageratum.** Pure white, 5  
**Mexicanum.** Lavender blue, 5  
**Dwarf Tom Thumb.** Dwarf blue, 5  
 " " " White, 5

## ALONSOA.

Free flowering bedding plants, continuing in bloom until killed by frost; also, good house plants; half hardy annuals.

**Choice Mixed,** 5  
**Alonsoa Grandiflora** Scarlet, 5

## ALYSSUM.

Good plants for edging or rock-work. blooming all

summer, and are much used for bouquets on account of their delicate appearance and fragrance.

**Alyssum, Sweet.** White, very sweet; hardy annual. Per ounce, 30 cents, 5

**Alyssum, Sweet Compactum.** A new, compact variety, dwarf, very pretty; hardy perennial, 5

**Saxatile.** Fine yellow, 5

**Little Gem.** New, dwarf, compact, 10

## AMARANTHUS.



Ornamental and much admired class of plants; very attractive; half hardy annuals.

**Amaranthus Caudatus.** (Love Lies Bleeding.) Red, graceful, 5

**Bicolor Ruber,** 5

**Hypocondriacus,** (Prince's Feather.) Crimson, 5

**Tricolor Giganteus.** (Joseph's Coat.) Leaves red, yellow and green; very handsome, 5

AMARANTHUS CAUDATUS.

## AMMOBIUM.

A very useful everlasting for making dried winter bouquets; forming, also, a showy plant for the garden; hardy annual.

**Ammobium Alatum.** Grandiflora. large, white, new, 5

## AMARYLLIS.

Seed saved from finest Belgian and Dutch Hybrids.

**Johnsonii,** extra selections, 50  
**Villata,** 20 seeds, 50

## ANAGALLIS.

Dwarf, compact, flowering plants; adapted for ornamental baskets, rock-work, edgings, and small beds; succeed best in light, rich soil, in a sunny situation; covered with flowers the whole summer; half hardy annual.

**Choice Mixed.** All shades, red and blue, 5  
**Grandiflora.** Finest mixed, 5

## ANTIRRHINUM, (Snapdragon)

One of the most useful summer and autumn flowering, half hardy perennials; markings like the carnation in the variety of its stripes and spots.

**Antirrhinum Majus.** Fine striped varieties, mixed. 12 inches high, 5

**Tom Thumb.** Best and brightest colors, mixed, 6 inches high, 5

## ARISTOLOCHIA.

A hardy ornamental climbing plant, with curiously shaped flowers; hardy perennial.

**Aristolochia Sophia.** (Dutchman's Pipe.) 30 feet, 25

## ASPARAGUS, (Climbing.)

The finest of all the hardy climbers; it has the beautiful feathery foliage of the ordinary asparagus in the form of a graceful running vine; inval-

uable for decorative purposes. Hardy perennial.  
**Asparagus Climbing.** Bright red berries;  
 very desirable, 10 feet, 25  
 Plants, each, 20 to 30

## ASPERULA.

A most profuse blooming hardy annual, attaining an average growth of one foot. The flowers, which are a beautiful light blue, are very sweet-scented, and last a long time while in perfection.

**Asperula Azurea Setosa.** Blue, 5

## ASTER.



TRUFFAUT'S PEONY-  
FLOWERED ASTER.

I give special attention to my selection of asters. They have been gathered in favorable condition, and a satisfactory growth may be expected. My collection is one of the finest, and are tested before sent out.

This race has been much improved within a few years. Among the most prominent are the Diamond, Crown, Goliath, Victoria, Truffaut's Perfection, Chrysanthemum-flowered. Among the earliest to bloom for bouquet making, are Peony-flowered Globe, Imbricated Pompon, Pyramidal Bouquet. They delight in rich, light soil; in hot, dry weather mulching is beneficial. The Aster grows to its greatest perfection when the nights are cool, followed during the day with bright sun; half hardy annuals.



ASTER, FRENCH PEONY-FLOWERED.

**Aster, Truffaut's Peony-flowered Perfection, Improved.** Very double, of fine form, round, in shape resembling a ball. About 20 shades mixed, 10

The above in six separate colors, each color separate. White, Rose, Carmine, Variegated, Blue, Purple, 12  
 Or the six colors in six separate packets for 50  
 viz.:

**Snow White.**

**Rose,**

**Dark Crimson and White Striped.**

**Dark Blood Red.**

**Glowing Dark Crimson.**

**Light Blue.**

**French Peony-flowered.** Very double, of the finest mixtures of Peony-flowered Perfection, Chrysanthemum-flowered, Imbricated Pompon, all shades and colors mixed, 1-4 oz., 50c., 10

**Peony-flowered Globe.** For florists and bouquet makers this is an excellent variety, on account of its round, double, full form, medium size flowers, and extreme earliness, blooming two weeks in advance of Truffaut's. About 8 varieties, mixed. Large packets, 10  
 Small packets, mixed colors, 5

**Variegated, Dark Crimson, Blue, Violet, White, Rose.** Each color separate, 10

or one packet each of the six colors separate, 50  
 1-4 oz., mixed colors, 50 cents, 10

**Dwarf, Chrysanthemum-flowered.** About nine inches high, large flowers, compact in habit, blooming late when others are out of bloom; very desirable; choice mixed colors, 10

**Dwarf, Chrysanthemum-flowered.** Pure white, 10

**Dwarf, Chrysanthemum-flowered.** Fiery scarlet. Not really a scarlet, but the nearest approach to it in color of any of the aster family. A dark crimson scarlet, 10

**Half Dwarf Multiflora.** A very fine and extremely free-blooming class, mixed colors, 10

**Pure White.**

**Mauve.**

**Red.**

**Diamond.** Large flowered, dwarf imbricate pompon improved; extremely beautiful; 18 inches high; large flowers of the greatest perfection, most brilliant in color. This class was especially recommended by the floral committee of the Royal Horticultural Society of London, and has become a general favorite; mixed colors, 10

**Crown Cocardeau.** A very handsome variety with large flowers, the center of each flower being pure white, surrounded with many brilliant colors. All colors mixed, 10

**Betteredge's Quilled.** An improved form of Quilled Aster. The flowers are of fine form and brilliant colors, 2 feet. Finest mixed, 5

**Dwarf Peony Perfection.** One of the finest of recent introduction; free and excellent habit; perfect in form, 10

**Imbrique Pompon.** Perfect form, globe shape; mixed colors, 10

**Newest Dwarf Bouquet.** Good for edging or small beds; mixed colors, 10

**Rose-flowered.** A splendid variety of beautiful pyramidal habit; the flowers are large and double; choice mixed, 10

**Trophy.** Pompon Globe improved. For general purposes the prettiest and most useful; altogether extremely showy; mixed colors, 15

**Washington.** The largest Aster known; flowers five inches in diameter and perfectly double; one of the best varieties; 4 colors, mixed, 15

**Goliath.** From large bushes, from 2 to 2 1/2 feet in height, covered with flowers immense in size, measuring upwards of 5 inches in diameter, and very double; fine mixture of 5 colors, 15

**Boltz's Miniature Bouquet Pyramidal.** About 8 inches in height. Constant in height and habit of plant. Pretty and extremely free flowering, 10

**Zirngiebel's New Double White.** Recommended for florist and cut flower work, 15

**Boston Florist, White.** 15



**New Pearl.** See Novelties, 20  
**New Aster Mignon.** Pure white; see Novelties, 15  
**Dwarf Victoria.** Considered one of the finest of the dwarf varieties; 8 best varieties, mixed, 10



ASTER VICTORIA.

For new varieties of Asters, see Novelties.

## AQUILEGIA, (Columbine.)

An extremely showy genus of early summer blooming plants; their plants being both in form and color strikingly beautiful; hardy perennials.

**Aquilegia Alba Flora Pleno.** Pure white; double, 10

**Mixed Double.** All colors—yellow, red, variegated, etc.; 10 sorts, 10



BALSAM.

## BALSAM.

Like the aster, one of the most useful of our annuals. It is a great favorite and continual bloomer, and flowers much used in arranging floral designs, baskets of flowers, etc. Being much improved of late, one would scarcely imagine the difference to the old flower. It is well adapted to our climate, and produces flowers of the most complete doubleness, in rich soil.

**Double Rose-flowered.** "French." One of

the most useful varieties for florists; extensively used in summer for arranging floral designs; very double, 10

**Improved Camellia-flowered.** Improved extra double flower, of recent introduction; for exhibition purposes the best in the whole class, 15

**Extra Double Dwarf.** Very double; 6 in., 10

**Camellia-flowered New Double White Perfection.** An improved variety of this well known plant. Double as a camellia; perfect in form; pure white; very desirable for florists, 20

**Challenger Prize.** The most magnificent strain of perfectly double balsams in cultivation. The seed I offer has been saved from an immense collection, and includes only the most perfect forms, 25

**Camellia-flowered Spotted.** (German.) Very double; the choicest; all spotted with white; mixed colors, 10

**Carnation.** Fine double flowers, striped like a carnation, 10

**Solferino.** White ground, with narrow stripes and fine spots of red, 10

**Atrosanguinea Plenissima.** Splendid deep blood-red; true, 10

**Double Yellow.** New, pale yellow, 15

**Imperialis.** The largest flowered, imbricated, double; perfectly constant; regularly spotted with white; magnificent; new, 15

**Regalis.** The Royal Balsam; 2 colors, mixed, 15

**Victoria.** Highly colored and very showy; scarlet and white spotted, 15

**Common Double.** Often but semi-double, 5

**French Camellia-flowered.** Extra double; mixed colors, 10

In separate colors, viz:

**Crimson,** per packet 10

**Scarlet,** 10

**" Spotted,** 10

**Crimson,** " 10

**Rose,** 10

**Violet,** 10

**White,** 10

**Carnation Striped,** 10

Collection of 8 distinct colors, as above, 60 cts.

## BALLOON VINE, (Cardiospermom.)

Ornamental climbing plant, useful for out-of-door decorations.

**Cardiospermom Helicacabum.** White: 5 feet; half hardy annual, 5

## BELLIS, (Double Daisy.)

A well known hardy perennial. Seed can be sown in March or April, plants will bloom in June and July. It thrives in a cool, partly shaded place best. Set plants six inches apart. They will nearly cover the ground, and bloom for two months. Give a light covering for winter. They are easily forced for cut-flowers, in a cool or warm house. Make fine border plants.

**Bellis Perennis.** Finest mixed from choice varieties. Saved from the most double flowers, and only a small per cent will come single, 15

**Bellis Perennis.** Double white, 15

**" Longfellow.** New, double, dark rose, on long stems, which renders it excellent for bouquets; large size and quite true, and double from seed. This is worthy of extensive cultivation for borders, edgings in the garden, or florists' use, 20

## BARTONIA.

Plants of a succulent character, with large golden flowers, expanding only in the middle of the day. When in perfection, this is a fine plant, and although its habits and foliage are less attractive



BELLIS, (DOUBLE DAISY.)

than some other annuals, in size and brilliancy for blossoms, it is inferior to none. Hardy annual.

**Bartonia Aurea.** Golden yellow, 2 ft., 5  
**Nana.** A dwarf variety of above, growing but 9 inches high, 5



TUBEROUS ROOTED BEGONIA.

## BEGONIA.

Used for planting in the garden for summer decorations, as pot plants for the house or conservatory; or forcing for cut flowers. The flowers are beautiful, drooping, and of various colors. They are largely used in the construction of bouquets. Treat bulbs same as Gloxinia.

**Hybrida.** Choice mixed, from finest winter-flowering varieties, 20

**Begonia Rex.** Saved from the very finest German collections; extra fine mixed, 35

**Begonia, Tuberous Rooted.** (See cut.) Are summer bloomers, and require about the same treatment as Gloxinias; very showy; free blooming bedding or pot plants for the summer; ranging in all shades of white, yellow, rose, scarlet; brilliant and attractive. The seed offered is saved from the finest European hybrids, 20

## BROWALLIA.

Very handsome, profuse blooming plants, covered with rich and strikingly beautiful flowers; grows free in rich soil. Very desirable grown in beds, or in the house for winter; 1-2 feet. Half hardy annual.

**Mixed.** Blue and white; 1-2 foot, 5

**Roczi.** New, delicate blue and white; fine for pot culture, 10

## BRACHYCOME.

Dwarf-growing plants, covered all summer with a profusion of Cineraria-like blooms. Half hardy annuals.

**Brachycome Iberdifolia.** (Swan River Daisy.)

Mixed, blue and white; 1-2 foot, 5

## BRYONOPSIS.

A climbing annual of great beauty, bearing green fruits, which change in color, as the season advances, to bright scarlet striped with white. Half hardy annual.

**Byronopsis Laciniosa Erythrocarpa.** 5  
 10 feet, 5

## CACALIA, (Tassel Flower.)

Free growing, profuse flowering, hardy annuals, with clusters of pretty tassel-shaped flowers, 2 ft., scarlet and yellow, mixed, 5

## CALANDRINA.

Very beautiful creeping plants, admirably adapted for planting in any hot situation, where they will produce their rose colored flowers in profusion. Hardy annuals.

**Grandiflora.** Rose color, 5

**Umbellata.** Crimson, violet; beautiful, 5

## CALENDULA.

A very showy, free-flowering plant, producing a very pretty effect in mixed borders, and growing freely in almost any soil; hardy annuals.

**Calendula Officinalis.** (Garden Marigold.) 5

Fine orange; 1 foot, 5

**Le Proust.** Nankeen edged with brown; 1 ft., 5

**Meteor.** Light golden yellow, striped with intense orange; blooms from May until late in autumn, 5

**Pongel, fl. pl.** A white hybrid Marigold, with double flowers; 1 foot, 5

## CALCEOLARIA.

Plants form in spring dense masses of their beautiful pocket-like flowers. Sow seed in August or September, or during the winter, to bloom in spring, in shallow boxes.

**Calceolaria Hybrida Grandiflora.** Saved from the finest formed and most beautiful marked varieties of self-colored and spotted flowers of all colors and shades of the most brilliant markings, including dwarf and tall mixed, of the largest flowering varieties, 20

**Shrubby.** Splendid varieties for bedding; finest mixed, 25

**The above seed was saved from the choicest collections, being awarded first prizes.**



CALCEOLARIA HYBRIDA GRANDIFLORA.

## CALLIRHOE.

Beautiful free-flowering plants; excellent for beds or masses; hardy annuals.

**Cardiospermum Halicacabum** is a curious,



half-hardy annual. Sow seed under glass, and if planted in the garden, find it a sheltered situation.

**Cardiospermum Halicacabum**, - - - - 5

**Callirhoe Pedata**. Purple crimson with white eye; 2 feet, 5

**Involucrata**. Beautiful hardy perennial; 1 ft. Native of Western prairies, large purplish crimson, 5

**Castor Oil Bean**. (See Ricinus.)

## CALLIOPSIS or COREOPSIS.

The tall varieties are very effective in mixed borders, while the dwarf, from a compact habit, are well adapted for beds; hardy annuals.

**Calliopsis, Bicolor Tinctoria**. Yellow and brown; 3 feet, 5

**Coronata**. Rich yellow disc, encircled with crimson spots; 1 1-2 feet, 5

**Finest Mixed Varieties**, 5

## CANARY BIRD FLOWER.



CANARY BIRD FLOWER.

(*Tropæolum Perigrinum*.)

See Cut.

An exceedingly ornamental climber, with bright fringed yellow flowers, and neat, finely divided foliage; half hardy annual of rapid growth, and flowers freely.

**Canary Bird Flower**. Yellow; 10 feet, 10

## CAMPANULA, (Bell Flower.)

This is one of the most useful and beautiful tribes of perennials. Many of the varieties, if sown early in the spring, will bloom the first year.

**Mixed Colors**, 5

**Campanula Media**. (See Canterbury Bells.) 5



## CANDYTUFT.

This is one of the oldest and best known hardy annuals. It can be sown in the fall or spring with equally as good results, where the plants are to

bloom. It is a plant that will easily take care of itself, but is much improved by good care and high culture.

**Candytuft**. White, oz., 25, 5  
 " White Rocket, 5  
 " White, Sweet-scented, 5  
 " Carmine, 5  
 " Purple, 5  
 " Dark crimson purple Dunnets, 5  
 " Rose, 5  
 " Mixed colors, oz., 20, 5

## CANNA, (Indian Shot.)

Stately plants, remarkable for their large and handsome foliage; invaluable for groups in the flower garden, producing a tropical appearance. Sow seed in early spring and they will make strong plants the second year. Half hardy perennial.

**Canna, Finest Mixed**, 5

## CATCHFLY.

A hardy annual, about one foot high; produces brilliant flowers in great profusion in early summer.

**Mixed**, 5



GROUP OF THE DIFFERENT SPECIES OF CARNATIONS BELOW NAMED.

## CARNATION.

Few equal the Carnation in form, color, exquisite fragrance, and freeness to bloom. The seed has been saved from the most superior collection, only the best results should be obtained. Seed can be sown in open ground or under glass in the spring. The plants will flower the second year, and those which prove single and inferior can be pulled out. Young plants being hardy, will live through the winter, while old ones are killed. It is best to sow seed or increase by layers, in order to keep a succession of flowers. Give them a good, rich soil.

**Carnation**. From extra fine, double, very choicest, from open ground seed, mixed colors, 10  
**Perpetual Flowering or Tree**. The seed saved from the celebrated collection of ALEGATIERRE. Extra fine mixed colors, saved from pot grown plants. 35

**Plectee.** Have white or yellow ground, spotted at the edges with scarlet, red, purple or other colors. I offer seed saved from 25 named varieties, mixed, 35

**Bizarre, Flakes and Selfs.** Bizarres are variegated in irregular spots and stripes, not less than three colors. Flakes are striped, two colors only. Seed saved exclusively from pot grown plants in great variety; in mixtures. 35

**Good Mixed German.** Perpetual, 20

**Scotchus.** Double Florist or Scotch pinks, saved from the very best varieties of show pinks; selected; extra choice, double, 25

**Double White,** 25

**Grenadin.** Highly valuable to florists and bouquet makers; blooming three weeks earlier than other varieties, in a great profusion of double, scarlet flowers, 20

**One packet of each above 6 choicest kinds, in 6 separate packets;** \$1.25

**One large packet of the above varieties, all mixed in one,** \$1.00

(Pinks, also see *Dianthus*.)

## CELOSIA, (Coxcomb.)

Showy plants, producing in the greatest profusion spikes of the most beautiful feathery-looking flowers in summer and autumn. Sow seed early and transplant in the open ground in May. Half hardy annuals.

**Japonica.** A variety of great beauty. The branches are scarlet or crimson; often in pyramidal masses, while the colors are the brightest imaginable, 10

**Cristata Nana.** The finest dwarf varieties mixed, comprising carmine, yellow, crimson and variegated; 1 foot, 5

**Glasco Prize.** New, improved dwarf, with dark leaves and crimson combs; quite distinct, and among the finest, 10

**Pyramidalis Plumosa.** Pyramid form, representing plumes; 3 feet high; finest mixed colors, 5



CELOSIA.

## CANTERBURY BELLS, (*Campanula Medium*.)

Very attractive and well known border plants; hardy biennials; 2 feet.

**Finest Mixed.** Single, 5  
" " Double, 5

## COBÆA.

A beautiful, rapid-growing, climbing plant, with large, handsome, bell-shaped flowers. Sow early in March or April, and plant out about June 1st. In sowing, plant the seed edgewise and cover lightly; half hardy perennial.

**Cobæa Scandens.** Purple, 20 feet. 10



COBÆA.

## CENTAURIA.

These are extensively used for ribbon beds or borders; arranged with Callas and other dark leaf plants, are among the finest for that purpose; sometimes known as "Dusty Miller," and largely used for vases and baskets. Sow seed in the house in December to March.

**Centauria Americana.** A strong growing annual variety, 5

**Candidissima.** Splendid silvery leaved plant; 1 foot, 25

**Clementii.** A robust and free-growing variety, producing crowns of silvery leaves, deeply fringed and cut; 6 inches, 25

**Gymnocarpa.** A very graceful, silver-foliaged variety; 11-2 feet; most used for ribbon lines, 15

**Caynus.** Known as "Bachelor's Button." Mixed colors, 5

## CLARKIA.



CLARKIA.

Often used for massing in the same manner as Phlox Drummondii, with good effect. Seed sown in September bloom in May or June. Improved varieties have been introduced of late, both single and double, form and size of flower. When planted in cool, partly shaded places, are highly recommended. When sown in April they will bloom most of the summer; transplant or thin out to 1 foot apart.

**Finest Double Varieties Mixed.** Comprising white, pink, purple, red, 5

**Best Single Mixed.** 5

**Mrs. Langtry.** Snow-white with a crimson center; plant dwarf and compact; blooms very free. (See cut.) 10

## CENTRANTHUS.

Free flowering plants, borne in clusters; used for borders, massing, bouquets, or other floral designs. Seed can be sown in open ground in May, hardly annual.

**Mixed Colors.** Red and white. 5





## CHRYSANTHEMUM.

The demand has recently largely increased among the large flowering Chinese and Pompon, or small flowering varieties; and is well, they being of so easy culture, and producing such brilliant colors and quantity of blooms at a time when other flowers in autumn are not plenty. Seed can be sown from September to June in boxes, and transplanted to the open ground in May.

**Indicum.** Large flowering; seed saved from large collections of the best named double varieties; in finest mixtures of CHINESE and JAPANESE, or CHINESE or JAPANESE separately, 15

**Nanum.** Double dwarf pompon; seed saved from the best and most double varieties, in finest mixtures; half hardy perennial, 15

**Mixed Annual Varieties.** In mixtures of single and double white, yellow, rose; hardy annual, 5

## CLEMATIS.

A hardy climbing vine, much used for covering arbors, verandas, fences or rocks; adapted to all soils. Sow the seed in the fall or winter in shallow boxes; they will often lie dormant and germinate in the spring; transplant to the open ground when two inches high; are hardy, but a little protection in winter will benefit them.

**Flammula.** White; very fragrant; 15 feet, 10  
**Coccinea.** A new scarlet of rapid growth, and profuse bloomer, of much value, 25

**Jackman's Hybrids.** Seed saved from Jackman's celebrated collection; mixed varieties of purple, lavender, white. Sow seed any time from September to May, in boxes. (See cut.) 25

**Virginiana.** The well known Virgin's Bower; greenish white; 15 feet, 10

**Viticella.** A strong, hardy grower, with blue or purple bell-shaped flowers in profusion, 10

## CLIANTHUS DAMPIERI,

(Glory Pea.)



CLIANTHUS.

A shrubby climber, with neat foliage and drooping clusters of large, rich scarlet, pea-shaped flowers, 4 inches in length. It requires a dry, warm soil, and should be watered but sparingly. Remove to the house when cold weather comes. Annual, 25

## CONVOLVULUS.



The climbing varieties, C. Major, or Morning Glory, produce a fine effect when grown on rock work, stumps of trees, or banks, and when trained over trellises, rustic work or rough fences, the beauty and delicacy of their color are unsurpassed. C. Minor and its varieties are admirably adapted for beds and mixed borders; half hardy annuals.

**Aureus Superbus.** Golden yellow; 6 feet, 15

**Major.** (Morning Glory.) Fine mixed varieties, 12 sorts mixed. Per oz., 20 cents, 5

**White.** Striped violet, 5

**White,** 5

**Rose,** 5

**Dark Red.** 5

**Violet,** 5

**C. Mauritanius.** Blue flowers: beautiful for hanging baskets, 10

**Minor Tricolor.** Dwarf; violet, purple and white: 1 foot. Per oz., 25 cents, 5

## COLEUS.

The Coleus for ornamental purposes is well known, whether for bedding or other decorations, where colored leaved plants are desired. They are grown so easily and make such fine specimens in so short a time that their merit can scarcely be overestimated. Sow seed in a warm room of 70 degrees, from January to April; tender annual.

**New Hybrids.** These seeds may be expected to produce very beautiful and distinct sorts, 35

**Good Sorts Mixed,** 25

## CINERARIA HYBRIDA.

For winter and spring blooming, for the house or conservatory, few can equal them in brilliant display: their brightness and beautiful colors and



CINERARIA HYBRIDA.

freeness to bloom, render them among our best winter and spring blooming plants. Their colors range from pure white, brilliant velvety crimson, purple, blue, rose and carmine, plain and with large white centres.

**Cineraria Hybrida Grandiflora.** Large flowered, prize varieties, in finest mixtures. This strain is unsurpassed, 30

**Choice Mixed.** 20

**Dwarf Mixed.** Large flowering, 25

**Double Mixed.** Saved from the finest double flowers only, 40

**Maritima.** An ornamental foliage plant, often called "Dusty Miller," 5

## CUPHEA.

This forms a pyramidal-shaped plant growing about 3 feet high, and studded during the winter months with countless red blossoms.

**Cuphea Platycentra,** 10



CYCLAMEN.

## CYPRESS VINE, (Impomœa Quamoclit.)

Most beautiful and popular climbing plants, with

very delicate, fern-like foliage.

**Scarlet.** Very brilliant; 15 feet; tender annuals, 5

**White.** A beautiful contrast; 15 feet, 5

**Mixed Colors,** oz., 30 cents, 5

## CYCLAMEN.

Bulbous plants and one of the most beautiful and highly valued for greenhouse and dwelling, blooming from January to May in profusion; flowers much used in bouquets, wreaths and baskets. Sow seed in July or August, or in the greenhouse in February to April, in a warm place; plants will bloom the following year; half hardy perennial. (See cut.) My strain is equal to the finest extant.

**Persicum.** Finest mixed, 20

**Extra Choice.** Mixed, 30

**Roseum.** Fine rose, 25

**Album.** White, 25

**Giganteum.** Mixed; large flowering, 25

**Emperor William.** Dark rose, 25



DIANTHUS CHINENSIS.

## DIANTHUS.

The species of Dianthus are among the most brilliant of our garden flowers. Plants of the tall sorts are from 12 to 15 inches in height, while the dwarf kinds make low, compact bushes. Seed may be sown in the spring, under glass or in a seed-bed. When sown early will bloom the first year, flowering more freely the second year. Their rich and varied colors are highly valued, which are represented in but few other flowers, and the ease of culture wins them a place in all flower gardens; they are perfectly hardy, but generally bloom but two summers; hardy biennials.

**Chinensis.** Finest selected, excellent strain, double varieties, mixed, oz., 35, 5

**Imperialis.** (Double Imperial Pink.) Mixed, 5

**Imperialis, Rubrum Striatum.** Double white striped with red, 5

**Imperialis, Flore Albo Pl.** Double white, 5

**Imperialis Flore Pleno Atrosanguineus.** Blood red, 5





DIANTHUS HEDDEWIGII.

- Heddewigii.** Large single flower, three inches in diameter; beautiful rich colors, often finely marked, choicest mixed, per oz., 50, 5
- Heddewigii Fl. Pl.** Usually quite double, 5
- Barbatus.** (Sweet William.) Fine strain, 5
- “ “ Double, 10
- Plumarius.** (Pheasant's Eye, Pink.) Single fringed, 5
- Plumarius.** Double and semi-double, 15
- “ “ Fimberata; double white; valuable for cut flowers; hardy, 20
- Plumarius.** Very double pink, 15
- Lacinatus.** Flowers very large, sometimes three inches in diameter; petals finely fringed and beautifully colored, 5
- Lacinatus Fl. Pl.** Large double flowers, deeply serrated, 10
- Heddewigii Diadematus Fl. Pl.** (Diadem Pink.) Brilliant markings and dazzling colors, 10
- Gardnerianus.** Various shades, finely fringed, double, fragrant, 10
- Moschatus.** (Double Garden Moss or June Pink.) From choice, double varieties, 10
- Hybridus Fl. Pl.** Large flowering; double; in splendid mixtures, 5

## DAISY, (Double.)

(See Bellis Perennis.)

## DIGITALIS, (Foxglove.)

Ornamental plants of stately growth and varied colors; hardy perennials.

**Fine Mixed Varieties,** 5

## DATURA, (Trumpet Flower.)

An ornamental plant, many of which possess attractions of the highest order. In large clumps or borders of shrubbery they produce an excellent effect. The roots may be preserved in sand during the winter in a dry cellar. Half hardy perennials.

**Mixed,** 5

## DOLICHOS, (Hyacinth Bean.)

Beautiful climbing plants of free growth, flowering in clusters; tender annuals;

**Lablab.** Purple; beautiful in fall, 5

**Alba.** White, 5

**Mixed,** 5

## ERYTHRINA or Coral Tree.

Half hardy shrub. The gorgeous spikes of scarlet flowers, from one to two feet long, with which it covers itself, bear a resemblance to coral. Although a tropical plant, it grows freely out of doors if placed in a warm location. Cut it down to the ground before frost, and protect in a cool, dry cellar during the winter, 25

## ESCHOLTZIA.

Very profuse flowering plants of extremely rich colors; hardy annuals.

**Fine Mixed.** All colors, 5

## EUPHORBIA.

**Euphorbia Variegata.** A very showy hardy annual, with beautiful white and green bracts, 5

## FORGET-ME-NOT.

(See Myosotis.)

## GAILLARDIA.

A class of plants remarkable for the profusion and brilliancy of their flowers; very effective and showy; half hardy annuals, fine mixed, 5

**Grandiflora.** Large flowering, fine mixed, 5

**Picta Lorenziana.** New double. Useful on account of its long duration of bloom for cut flowers; yellow, amaranth and claret; mixed, 10



## GLADIOLUS.

The seed I offer has been carefully saved from the finest named hybrids. Half hardy bulbs. See special list of summer bulbs.

**Gladiolus.** From the finest named varieties, French hybrids; mixed, 15

**Small Bulbs.** Saved from the finest named varieties. Most of them will produce flowering bulbs for next season. Twenty small bulbs, from good mixtures, 10

**Gladiolus Lemoinei.** This new strain is distinct, having flowers almost round, of very striking

ing colors and markings; being hardy, will be largely grown. The variety of flowers are wonderful; are easily obtained from seed, and when sown early, bloom the first year. Packet of 50 seeds. 20

## FUCHSIA.

My seed of this well known and popular plant has been saved from a splendid selection, consisting of the finest named varieties; half hardy perennial.

**Fuchsia** Double and single, extra choice mixed, from mixed varieties, 35

## FRENCH HONEYSUCKLE.

(See Aquilegia.)

## DAHLIA.



DAHLIA.

A splendid autumn flowering plant. Our seed has been saved from the finest named sorts. Half hardy perennials.

**Extra Fine.** Double dwarf, from prize flowers, 15

**Single.** Finest single, mixed, 15

## ECHEVERIA.

Very popular plants for bedding or pot culture.

A group composed of the different varieties can be made one of the most attractive objects in a flower garden. Mixed, 25

## GILIA.

Very pretty dwarf plants; will bloom in almost any situation; hardy annuals.

All colors mixed, 5



FRENCH ODIER PELARGONIUM.

## GERANIUM, (Pelargonium.)

Except Verbena, the geranium is now cultivated more than any other plant. Its freeness from insects and disease, easy culture, bright and varied colors, free blooming qualities, render it one of

the most popular plants for house, bedding or garden culture. The seed offered below has been saved from the choicest foreign and American collections, comprising all shades and colors.

**Zonale.** Good mixed, 10

" Seed saved from my collection of over 150 varieties of double and single mixed, 15

" **Double.** Selected from the most superior varieties, giving wide range of colors, artificially fertilized by one of the most skilled growers in the world, and is believed to produce a large percentage of double flowers, 40

**Fancy Pelargonium French Blotched or Odier.** Sometimes known as Lady Washington. Seed saved from the very choicest first-class flowers selected. (See cut.) 30

**New Golden Bronze.** Saved from celebrated strains; has gained many first-class prizes, 25

**Golden Tricolor.** Hybridized with great care, and saved from the best varieties only, 25

**Ivy Leaf.** From best named varieties, 25

One pkt. each of above 7 varieties, \$1.30 by mail, prepaid. Retail price, \$1.70. No other discount.

## GRASSES, (Ornamental.)

Many of the varieties are very curious and beautiful, and when dried and tastefully arranged in connection with the Everlasting Flowers, make exceedingly attractive winter bouquets. They are mostly annuals, and those which are not—with the exception of Pampas Grass—flower the first year. The plants should be transplanted or thinned out sufficiently to afford space for the growth of each, as soon as they can be handled. This will allow them to develop their true character.

**Agrostis Nebulosa.** Graceful and beautiful; one of the best of ornamental grasses, 5

**Avena Sterilis.** (Animated Oats.) 2 1-2 ft., 5

**Briza Maxima.** (Large Quaking Grass.) Very elegant; one of the best; 1 foot, 5



BRIZA MAXIMA.

**Briza Gracilis.** (Slender Quaking Grass.) 1 ft. 5

**Brizopyrum Siculum.** Very dwarf, with shining leaves; very pretty; 6 inches, 5

**Bromus Briziformis.** A fine grass resembling Briza Maxima; 3-4 foot, 5

**Chloris Barbat.** Pretty and curious; 1 ft., 5

**Cynurus Cynosuroides.** Very dwarf, with yellowish feathery spikes; useful for small bouquets, 5

**Coix Lachramae.** (Job's Tears.) 2 feet, 5

**Eragrostis Elegans.** (Love Grass.) Elegant and pretty; 2 feet, 5

**Festuca Glauca.** Very dwarf and pretty; useful for border and marginal lines, 5

**Gynierium Argentium.** (Pampas Grass.) The finest ornamental grass in cultivation; 10 ft, 10

**Lagurus Ovatus.** (Hare Tail Grass.) Small white plumes; hardy annuals, 5

**Penisetum Longistylum.** Very graceful; 1 1-2 feet, 5

**Stipa Pennata.** (Feather Grass.) Exceedingly graceful and beautiful perennial: 2 ft., 10

**Hare Tail Grass.** 5

**Gymnothis.** 10

**Japanese Maize.** 5





## GLOXINIA, FRENCH HYBRID.

Summer blooming bulbs for the house or conservatory, representing a great variety of colors, velvety purple, crimson, carmine, rose, blue, white, etc. Sow seed in February, March and April, as directed for tender seed; it can also be sown in August or September.

**Gloxinia.** Seed saved from French Hybrids of finest named varieties of recent introduction. (See cut.) Extra fine mixtures, 25

**Hybrida Grandiflora.** Noted for its large succulent leaves almost covering the entire pot, and numerous flowers in form of a bouquet. For variety and brilliancy of color it is unsurpassed, 30

**New French Spotted.** Seed sown from the finest and most beautiful varieties of French spotted and tigered, 40

**New French White.** Pure white hybrid, 35

## GYPSOPHILA.

Free flowering little plants for rock-work or small beds.

**Paniculata.** White; fine for bouquets; hardy perennial, 5

## GOURD ORNAMENTAL, (Mock Orange.)



ORNAMENTAL GOURD.

Of rapid growth, with luxuriant and ornamental foliage, and bearing fruit of the most varied forms. Very desirable for trellis work and festooning; tender annual.

**Ornamental.** Fine mixed varieties, from a large collection of the ornamental varieties, 5

## CUCURBITA, or Gourds.

These grow rapidly, and produce some of the most peculiar forms of fruit found in the vegetable kingdom.

**Leucanthe Longissima.** Very curious; 5 ft. long, 10

## CUCUMIS, (Gourds.)

Ornamental Cucumbers with curious fruit, remarkable for the rapidity of their growth. Half hardy annuals.

**Dispaceous.** Sulphur yellow, 10

**Flexuosus.** (Snake Cucumber.) Fruit three feet long, 5

**Grossularia.** (Gooseberry Gourd.) 10

## GLOBE AMARANTHUS, (Gomphrena.)

Remarkable handsome everlastings. The flowers may be cut in summer and preserved for winter bouquets; half hardy annuals.

**Globe Amaranthus.** White; two feet, 5

**Purple.** 2 feet, 5

**Golden.** 2 feet, 5

**Variiegated.** 2 feet, 5

**Mixed.** All colors, 5

## GODETIA.

Very attractive hardy annuals, all well deserving of the most extensive cultivation. Their profusion of bloom and delicate tints of color, have rendered them universal favorites.

**Lady Albemarle.** Flowers three inches across, of intense carmine crimson, 10

**Duchesse of Albany.** Large, satiny white, and very attractive, 10

**Fine Mixed.** All colors, 5

## HELIOTROPE.

Well known deliciously fragrant plants, excellent for bedding purposes or pot culture; half hardy perennials.

**Fine Mixed.** of about ten light and dark varieties, 10



## HOLLYHOCK.

This plant is very popular for autumn decoration; its stately growth and varied colors demand a place in every garden or pleasure ground. If sown early in March or April, the plants may be in bloom the first year; hardy perennials. (See cut.)

**Hollyhock, Choice Mixed.** Saved from CHATER'S PRIZE varieties, extra choice, 20

**Fine Mixed.** From choice mixed German varieties, 10

**Choice Double.** In separate colors of white, scarlet, crimson, yellow, rose, salmon, purple; from Chater's Prize varieties; the finest collection on the Continent; each color, 25

The 7 colors in 7 separate packages for \$1.40. No other discount.

**Best German.** In four separate colors, white, yellow, rose, crimson; each color separate, 15

## HONESTY, (Lunaria.)

A hardy biennial; 2 feet high, flowering the second year in May and June. The flowers are succeeded by single, semi-transparent seed vessels that are quite ornamental, and may be kept for a long time. 5

**HELIANTHUS, (Sunflower.)**

Very handsome varieties of Sunflower, remarkable for their stately growth and the brilliancy and size of their flowers; growing in a pyramidal form to a height of 8 to 10 feet; hardy annuals.

**Californicus.** Extra large and double; five feet, 5

**Globosus Fistulosus.** Flowers very large and globular formed, of a bright rich saffron color; finest double; 6 feet, 5

**Macrophyllus Giganteus.** A large growing variety, of pyramidal form, 5

**Occlusaris Viridis.** Densely double, with green centre, 5

**Common Sunflower.** Oz., 20c., 5

**Mammoth Russian.** Very large, capital for egg-producing food for poultry, keeping them healthy and in fine condition to increase the supply of eggs, and the leaves are good fodder for cows; oz., 15c., 1-2 lb. 35c., 5

**HELICHRYSUM, (Everlasting Flower.)**

HELICHRYSUM.

Exceedingly effective in the flower border, and indispensable for winter bouquets, for which cut before the blooms are expanded, and dry in the shade; hardy annuals. (See cut)

**Monstrosum.** Yellow; 1-1-2 feet, 5

**Album.** White; 1 1-2 feet, 5

**Fine Double Red.** 2 feet, 5

**Nanum.** Dwarf crimson, 5

**Finest Mixed.** All colors, 5

**ICE PLANT.**

A very singular dwarf trailing plant, much used for garnishing; half hardy annual.

**Ice Plant.** (Mesembryanthemum.) Trailer, 5

**JACOBÆA, (Senecio.)**

A useful and exceedingly showy class of gay colored, profuse blooming plants; delight in a light, rich soil; hardy annual,

**Jacobæa.** Fine mixed double varieties, 10

**IPOMEA.**

They contain the most beautiful and varied flowers. For covering arbors or stumps or trees, they are invaluable; tender annuals.

**Fine Mixed.** 5

**LOBELIA.**

Their delicate, drooping habit, and the profusion of their charming little blue and white flowers, render them exceedingly ornamental for vases or hanging baskets, while for border cultivation they are almost indispensable; half hardy annuals.

**Erinus Albo.** Pure white, 1-2 foot, 10

**Speciosa.** One of the most effective varieties for bedding; 1-2 foot, 10

**Crystal Palace Compacta.** Beautiful new variety, 5  
**Finest Mixed Varieties,** 10

**LARKSPUR, (Delphineum.)**

Beautiful plants, blooming in the greatest profusion, of the most beautiful colors; hardy annuals.

**Dwarf Rocket.** Finest mixed double; 21-2 ft., 5

**Tall Rocket.** Finest mixed double; 2 1-2 ft., 5

**Consolida.** Double branching; fine for cutting, 5

**Emperor.** Fine compact plants of brilliant colors and double flowers, 5

**Emperor.** Pure white; double, 5

**LANTANA.**

Brilliant rosettes of blossoms, in various hues of pink, purple, orange, etc. Excellent either for pot culture or the open ground; half hardy perennial.

**Hybrida.** Finest varieties mixed, 10

**LAVENDULA.**

Chiefly cultivated on account of the delicious fragrance of the leaves; succeeds in any garden soil; hardy perennial.

**Lavendula Spica.** (Lavender.) 5

**LUPINUS.**

Highly ornamental, beautiful, and free-flowering garden plants, with long, graceful flower-spikes, of rich and varied colors, valuable for mixed flower borders; hardy annuals.

**Lupinus.** Mixed colors, 5

**LATHYRUS, (Everlasting Pea.)**

Showy, free-flowering plants, growing in any common soil; very ornamental on trellis work, old stumps, or for covering fences or walls; hardy perennials.

**Lathyrus.** Finest mixed, 5  
White, 10

**LINUM.**

A beautiful class of plants, of brilliant and varied colors.

**Linum.** Finest mixed, 5

**LYCHNIS.**

Very handsome and useful perennials, effective in mixed flower and shrubby borders; varying in different shades.

**Lychnis.** Mixed colors, 5

**MARIGOLD.**

Their rich and varied colors produce a splendid effect in almost any situation. The African is the tallest and most striking in large beds, while the French varieties are admirably adapted for small beds; half hardy annuals.

**African Quilled.** Lemon color; 2 feet; mixed colors, 5

**French Dwarf.** They form low, compact bushes, with masses of brilliant red and yellow double flowers; mixed colors, 5



MARIGOLD.



**French Tall.** Mixed double, 5  
**Gold Striped French.** New dwarf variety, 5  
**Prince of Orange.** (See Calendula.)  
**Signata Pumila.** A compact bush, covered  
 with thousands of bright yellow blossoms; half-  
 hardy annual; 1 foot, 10

## MIMOSA, (Sensitive Plant.)

**Pudica.** A very interesting and curious plant,  
 its leaves closing if touched or shaken; half-hardy  
 annuals. 5

## MORNING GLORY.

**Morning Glory.** (See Convolvulus.) Finest  
 mixed; 20 feet; 20c. per oz., 5  
**Morning Glory.** In separate colors of WHITE,  
 STRIPED, ROSE, DARK RED, DARK BLUE, VIOLET,  
 ROSE, 5

## MYOSOTIS, (Forget-Me-Not.)

The different species are very beautiful, and too  
 well known to need recommendation; succeeds  
 best in moist situations; hardy perennials.

**Myosotis.** Fine mixed, 5

## MARVEL OF PERU.

The flowers of this class  
 are varied and beauti-  
 ful, and produced in  
 great abundance; half  
 hardy perennials.

**Marvel of Peru.**  
 Very finest mixed, 5

## MAURANDIA.

These beautiful summer  
 climbers are much  
 used for baskets and  
 rock work; bloom the  
 first year from seed;  
 half hardy perennials.

**Maurandia Alba.**  
 White; 10 feet. 10

## MIGNONETTE.

A well known favorite, high-  
 ly esteemed for its fra-  
 grance; hardy annuals.  
 (See Cut.)

**Reseda Odorata Grandiflora.** Large flowered  
 variety; fragrant; oz., 20c., 5

**Parson's White.** Flow-  
 ers nearly white, 5

**New Spiral.** A distinct  
 variety, producing spikes  
 8 to 10 inches long; very  
 fragrant; strong grower and abundant bloomer, 5

**New Golden.** New; flowers of a golden hue;  
 very effective, 10

**Diamond Grandiflora.** New; large; nearly  
 white, 10

**Machet.** Best for pot culture, 10

## MIMULUS, (Monkey Flower.)

Strikingly handsome flowers, making bright orna-  
 ments for the conservatory, greenhouse, or gener-  
 al flower garden. Seed sown in the spring make

fine bedding plants for summer blooming, while  
 seed sown in autumn produce very effective early  
 flowering greenhouse plants; half hardy peren-  
 nials.

**Hybridus.** Choice mixed, 10  
**Musk Plant,** 10

## MYRSIPHYLLUM, (Smilax.)

There is no climbing plant in cultivation that sur-  
 passes this in the graceful beauty of its foliage.  
 Its peculiar wavy formation renders it one of the  
 most valuable of all plants for vases or hanging  
 baskets, as it can be used either to climb or droop  
 as required; in cut flowers it can be considered  
 indispensable, 15

## NEMOPHILA.

This is one of the most charming dwarf hardy an-  
 nuals; of very neat, compact growth; blooms  
 freely all summer.

**Nemophila.** Fine mixed, 5

## NIEREMBERGIA.

Charming little plants, which flower profusely dur-  
 ing the whole summer; well adapted for hanging  
 baskets and edgings; half hardy perennial.

**Frutescens.** White, 10  
**Gracillis.** Slender lilac, yellow eye, 10



MARVEL OF PERU.

**Rosea.** Rosy pink; 10 feet,  
**Finest Mixed Colors,** 10



MIGNONETTE.

**New Golden.** New; flowers of a golden hue;  
 very effective, 10

**Diamond Grandiflora.** New; large; nearly  
 white, 10

**Machet.** Best for pot culture, 10

## MIMULUS, (Monkey Flower.)

Strikingly handsome flowers, making bright orna-  
 ments for the conservatory, greenhouse, or gener-  
 al flower garden. Seed sown in the spring make



NASTURTIIUM.

## NASTURTIIUM.

Plants blooming throughout the summer and fall;  
 being of rapid growth, the tall varieties make an  
 excellent cover for old walls, trellises, etc., while  
 the dwarf varieties, from their close, compact  
 growth, and richly covered flowers, are among the  
 most popular of bedding plants; half hardy annu-  
 als.

**Dwarf Crimson.** 5

**Crystal Palace Gem.** Yellow spotted maroon, 5

**Ruby King,** 5

**Dwarf Spotted.** 1 foot, 5

" **White,** 5

" **Rose Color.** New, 5

" **Scarlet,** 5

" **Yellow,** 4

" **King of Tom Thumb.** Flowers scar-  
 let; foliage dark, 5

" **Empress of India.** New; dark leaved;  
 crimson flowers, 10

" **King Theodore.** Foliage dark; flowers  
 very dark, 10

" **Mixed.** Oz., 20c., 5

*A collection of six varieties, separate, dwarf, pur-chaser's choice, 25c.*

**Tall Spotted.** 10 feet. 5  
 " **Scarlet Striped.** 5  
 " **Scarlet.** 5  
 " **Purple Violet.** 5  
**Above Mixed.** Tall, 10 feet, 15c. oz., 5

## NOLANA.

An extremely beautiful free-flowering genus of trailing plants, the flowers resembling the *Convulvulus Tricolor*, but softer in color, while some are beautifully penciled; fine for rock work, hanging baskets, old stumps, etc.; hardy annuals.

**Nolana.** Fine mixed, 5

## NIGELLA, (Love-in-a-Mist.)

Interesting, free flowering plants, of the easiest culture, growing in any garden soil; hardy annuals.

**Nigella.** Fine mixed; 3-4 foot, 5

## CENOTHERA, (Evening Primrose.)

A very beautiful, free-flowering and useful class of plants, flowering generally in long spikes.

**Fine Mixed Varieties,** 5

## OXALIS.

Very attractive and beautiful plant, with richly colored flowers, suitable for greenhouse decoration, or for rock work, rustic baskets, and out-of-doors; half hardy perennials.

**Finest Mixed.** All colors, 10



DOUBLE PETUNIA.

## PETUNIA.

**The Double Petunia** is much prized as a house plant, and as market plants for the florist they are highly valued. The improvements in this class

during the past few years are perfectly wonderful, forming, as they now do, such doubleness and deeply cut or fringed petals as render them highly effective and beautiful decoration plants; half hardy perennials.

**New Double Fringed Grandiflora Fimberata.** This strain always yields 25 to 30 per cent of double flowers, fringed; rich and delicate tints, and variegated in great variety; seldom fails to receive the highest praise, 50

**New Double Dwarf Robusta Flora Plena.** Its growth is compact and symmetrical, ranging in many colors, producing flowers so freely as to often represent an arranged bouquet, 50

**New Double Flora Plena.** This strain is saved from carefully fertilized flowers, and will produce a large percentage of double flowers, blotched and striped, 25



SINGLE PETUNIA.

**The Single Petunia** is beautiful and effective for massing in beds, and much cultivated as house plants. Being delicate seed, it is best to start them under glass in February, March or April. They will commence to bloom in June and continue for the season, if planted in the open ground in May. Many superior strains of Single Petunias have recently been introduced of great merit.

**Hybrida Grandiflora.** From the best German collections, large flowers, blotched, fringed, mottled, variegated and green edge, of unsurpassed quality; finest colors mixed, 15

**Grandiflora Marginata.** Large, bordered and veined with green, 25

**Fimberata Maculata.** Large flowers of the finest colors; fringed, blotched and striped, 25

**Dwarf, Nana Compacta.** Dwarf, compact habit, a most profuse bloomer, with mottled, blotched and striped flowers, 15

**Allen's Selected Fringed.** This seed is saved from the very best single varieties, comprising all shades and colors of fringed, blotched, striped, and plain colors, green edge, etc., 25

**Belle Etoile.** A remarkably beautiful, large flowering strain, blotched and striped, 10

**Common.** Mixed, 5

**Grandiflora Intus Aurea.** A new large flowering, yellow throated variety of large size and faultless form, with yellow extending deeply into the throat, and one to two inches across the flower, beautifully veined, coming true from seed in white, crimson, purple, variegated. Pkt., 50

## PORTULACAS.

These brilliant hardy annuals produce in summer variously colored showy and attractive flowers in greatest profusion. The double Portulaca is one



of the most showy and desirable, and has proved quite constant from seed.  
**Grandiflora Fl. Pl.** Double. Seed offered has been saved with the greatest care from the most double flowers, and of the brightest colors, 15  
**Single.** Mixed colors, 5

## PYRETHRUM, (Feverfew.)

Very handsome and interesting herbaceous plants, succeeding in any garden soil; hardy perennials.

**Hybridus Fl. Pl.** New varieties of this beautiful, hardy plant, saved from double flowers only, 15

**Lanciniatis Aureum.** (Golden Feather.) Bright golden foliage; one of the best bedding plants; deeply cut leaves, 10

**Golden Gem.** One of the best varieties for massing in lines or otherwise; flowers double, 10



## PANSY.

Sow the seed any time from September to March.

For summer flowering sow any time in February, March or April, in shallow boxes in the house or in hot beds in light soil, cover the seed lightly and press the soil firmly; water and keep the soil moist until the seedling plants appear. The Pansy seed germinate best in a temperature of fifty to sixty degrees. As soon as two or three of the leaves appear, transplant in shallow boxes. A cool room is the best to keep them in until the ground becomes warm enough in the spring, when they may be planted out at once. To those who have a hot bed or cold frame, it would be best to let them remain a few weeks before planting out. The great improvement made in the Pansy has rendered them extremely popular. For massing in flower beds, their bright and lively faces, together with their rich and beautiful colors, render them indispensable to the flower garden. New sorts, see Novelties.

**Alba.** White; generally coming true from seed, 10

**King of the Blacks.** Almost coal black, 10

**Emperor William.** Ultra-marine blue with purple violet eye, 10

**Purple.** Very fine; several shades, 10

**Blue.** Extra fine; several shades, 10

**Striped and Mottled.** Very showy, 10

**Yellow Margined.** Beautiful color, with margin or belt of yellow, 10

**Mahogany Color.** A very fine variety, 10

**Bronze Color.** Very good, 10

**Red.** Bright copper colors, but not strictly red, 10

**Snow Queen.** Fine pure white, 15

**Lord Beausfield.** Violet, shaded to white, 15

**Odier, or Five Blotched.** A French variety of great beauty, each petal being distinctly blotched, like the geranium, some with pure white margins, others with bright golden borders, 20

**Pure Yellow.** Generally true to color, 10

**Pure Black.** Extra large flower and fine form; pure black; without eye; a constant bloomer and good bedder, 10

**Improved Large Flowering.** Mixed colors, 10

**Good Mixtures.** Large pkt., 15

" " Small pkt., 5

**Mixed.** Good mixtures, 10

**Best English Mixtures.** Choice large flowering, saved from finest sorts, 25

**Best French Mixtures.** Large flowering, finest mixtures, 25

**Best Belgian.** Finest mixtures, with striped flowers, 15

**Trimardeau.** A new improved large flowering French strain, 25

**Cassies.** New three and five blotched giant, 25

**Normandy Pansy.** This strain is of recent introduction, 25

**IMPROVED LARGE FLOWERING FANCY PANSIES.** (See Novelties.) They are among the finest in cultivation, and always most highly prized.

## PAPAVER, (Perennial Poppy.)

The varieties under this head have immense flowers, and are remarkable for their rich and striking colors; hardy perennials.

**Papaver.** Fine mixed, 10

## POPPY.

Plants are large, brilliantly colored flowers, growing freely in any common soil.

**Carnation.** Double; mixed colors; 2 feet; hardy annuals, 5

**French.** Dwarf; ranunculus-flowered; 2 ft., 5

**Pæony-flowered.** Double; 2 feet, 5

**Somniferum.** (Opium.) White, single, 5

**Large Flowering.** Single mixed, 5

## PINK, (See Carnation.)



CHINESE PRIMULA PLANT. (PRIMROSE.)

## PRIMULA, (Chinese Primrose.)

For the house or conservatory in winter, the Primula ranks first as a continual bloomer, requiring the least care and sun, and most free from insects, of any plant in cultivation, producing flowers in the greatest profusion. The seed is saved by one of the largest European growers, who is noted for his superior strain of Fringed Primulas; many are so deeply fringed with overlapping petals as to appear almost double. I used the best of care in

selecting seed from the latest improved and most highly prized varieties. Sow seed in March or April, and you will have fine plants for winter blooming. Great improvement has been made with these flowers within a few years.



SINGLE PRIMULA FLOWER.

<b>Common Single, not Fringed.</b>	Mixed colors,	15
<b>Finest Single Fringed.</b>	Red and rose,	25
" " "	White,	25
" " "	Striped,	25
" " "	<b>Elegantissima.</b>	
Deep crimson, marked at the borders with light spots,		
		50
<b>Very Finest Single Fringed.</b>	Mixed,	25
<b>Cristata Nana Alba.</b>	Flower white, half double with beautiful foliage; plant dwarf,	50
<b>Globosa.</b>	(New.) Plant dwarf, half globe shape and very compact; flowers deeply fringed; rose, white, crimson and striped, mixed,	50
<b>Magnifica.</b>	Flowers of immense size and fine substance, almost double, pure white, and deeply fringed,	50



DOUBLE PRIMULA.

**Fringed Double**

**White.** A large percentage will come true from seed, 50

**Fringed Double.**

Red shades, 50

**Fringed Double.**

Mixed, extra fine, usually about 25 per cent. come double from seed, 50

**PHLOX DRUMMONDII.**

The Phlox Drummondii is one of the most useful annuals cultivated. For massing in groups, or arranging in ribbon lines, I think there are no flowers obtained with so little care and expense, that give such an abundance of rich flowers from July to November, being the most desirable of the

whole class of annuals, the colors ranging as given below. The seed sown in cold frame, hot bed, dwelling house, or in seed box, gives them an early start, ready to be planted in the open ground four to six weeks later. They will soon show bloom and continue until killed by hard frosts. It can be sown in open ground, but is more safe to start in boxes, the seed generally comes better and more plants will be obtained. Set the plants 8 to 12 inches apart. For ribbon lines, white, scarlet, rose, blue and purple, should be set, to give a good contrast in color.



PHLOX DRUMMONDII.

<b>Black Warrior.</b>	Dark purple,	10
<b>Pure White.</b>		10
<b>Ocellata.</b>	White with purple eye,	10
<b>Coccinea.</b>	Deep, brilliant scarlet.	10
<b>Isabellina.</b>	Pale yellow,	10
<b>Leopoldi.</b>	Bright rose, white eye,	10
<b>Rosea.</b>	Pure rose color,	10
<b>Marmorata.</b>	White tinged rose,	10
<b>Washington.</b>	Violet purple, white throat,	10
<b>Prince Bismark.</b>	New; purplish red, white margin,	10
<b>Radovitz.</b>	Rose, striped white,	10
<b>Alba Rosea.</b>	Striped,	10
<b>Heynholdi.</b>	Bright scarlet; dwarf and compact,	10
<b>William I.</b>	Crimson, white stripe,	10
<b>Perfection.</b>	Dwarf; for ribbon lines or pot culture; bright scarlet flower,	10
<b>Finest Mixed.</b>	All shades and colors,	5
<b>Decussata.</b>	Hardy perennial phlox,	10
<b>Vick's New Double White.</b>	A robust, half dwarf variety, coming quite true from seed,	25
<b>New Double Scarlet.</b>	Flowers about 50 per cent. coming semi-double, of a crimson scarlet color,	25
<b>Phlox Drummondii Grandiflora.</b>	An improved form and size of flower of the Phlox Drummondii; nearly equal in size of flower the old hardy garden phlox, while its growth is but ten inches high, blooming as freely as the old variety Drummondii; 10 varieties, mixed,	10

**PERILLA.**

Ornamental foliaged plant, with blackish-purple colored foliage, forming a fine contrast to the silvery foliage of Cineraria Martima, the Centaureas, etc.; grows freely in any soil; half hardy annual.

**Nankinensis.** Leaves, deep mulberry, 1 1-2 foot, 5

**POLYANTHUS.**

Plants bloom in early spring, well adapted to outside culture or in pots in the house. Hardy perennials. Sow seed in February; when strong



enough, prick out and transplant in open ground in May six inches apart.  
**Choice Quality Mixed.**

10

## RHODANTHE.

Everlasting flowers for winter bouquets. Succeeds best in a light, rich soil, and a warm, sheltered situation; half-hardy annual.

**Maculata.** Bright rosy crimson, yellow disk, 5  
**Alba.** Pure silvery white, 5  
**Mixed Colors,** 5

## ROCKET, (Hesperis.)

Well grown, very fragrant, early spring flowering plants, growing freely and blooming profusely in almost any soil; half-hardy perennials.

**Sweet.** Purple, 1 1-2 feet, 5  
**White.** 1 1-2 feet, 5  
**Mixed.** 1 1-2 feet, 5



RICINUS.

## RICINUS, (Castor Oil Bean.)

Ornamental plants of stately growth; half hardy annuals.

**Borboniensis Arborus.** Beautiful large leaves; 15 feet, 5

**Sanguineus.** Blood-red stalks, scarlet fruit; one of the best; 5 feet, 5

**Giganteus.** Large, fine and showy; 6 feet, 5

**Communis.** (Palma Christi.) Common Castor Oil Bean, 5

**Finest Mixed,** 5

## SALPIGLOSSIS.

Highly ornamental and beautiful autumn blooming plants with funnel shaped flowers, curiously veined and marbled; half hardy annuals.

**Large Flowering.** Finest mixed; 1 1-2 ft., 5

## SALVIA.

Splendid ornamental plants for out door decoration; blooming from August till killed by frost; tender annuals.

**Patens.** Splendid deep blue; 2 feet, 20

**Splendens.** Vivid scarlet; 3 feet, 10

**Alba.** White, 20

## SCABIOSA, (Mourning Bride, or Sweet Scabiosa.)

Ornamental border plant, producing in profusion flowers in great variety of color: excellent for

table bouquets.

**Mixed Double,** 5

**Single,** 5

## SCHIZANTHUS.

Are plants combining elegance of growth with a rich profusion of beautiful flowers; half hardy annuals.

**Schizanthus.** Finest mixed colors, 5

## SENSITIVE PLANT.

\*(See Mimosa Pudica.)\*

## STATICE.

Interesting plants of easy culture; very free flowering, and remain a long time in bloom, the flowers being valuable for winter or summer bouquets.

**Statice.** Perennial; 1 1-2 feet, 10

**Incana Hybrida.** Fine mixed; perennial, 10

**Suworowi.** New; fine for summer flowers when sown in March or April, 10



SWEET WILLIAM.

## SWEET WILLIAM, (Dianthus Barbatus.)

A well known class of plants, of extreme richness of color; the varieties have been greatly improved of late years; hardy perennials.

**Fine Mixed.** All colors, 5

**Auricula-flowered.** Flowered in trusses of immense size and of exceedingly beautiful colors, 10

**Double Flowering.** Finest mixed, from a splendid collection of double flowers, 10

**Double White,** 10

**Single** " 5

**Hunt's Perfection.** Distinct eyes and beautiful margin; splendid strain, 10

## SUNFLOWER.

(See Helianthus.)\*

## SOLANUM.

Covered all winter with a profusion of scarlet fruit; handsome plant for a green house or sitting room,

**Solanum Capsicastrum.** 1 1-2 feet, 10

## STOCK, (Ten Weeks.)

The stock is one of the most important flowers for summer and fall blooming, and nearly equal to the Carnation in size and doubleness of flower. They are much used by florists for arranging



bouquets and floral designs. The seed can be sown at any season; for summer flower, sow in March, transplant when two inches high, and will commence to give flower in July, continuing till hard frost, and, if lifted carefully, will bloom in the house the whole winter, but is better to sow seed in August or September for young plants to bloom in the winter, as they will give larger and better flowers; hardy annual.

**Pyramidal Large-flowering.** A plant of pyramidal habit, with long spikes of large flowers; growing 12 inches high; blooming early; one of the best for florists' use; many choice colors mixed, 10

**Boston Florists' Double White,** 15

**Largest-flowering Pyramidal Dwarf.** White, rose, carmine, blue, violet, red, chamois, yellow; each color very double, fine for plants, 15

**Largest-flowering Pyramidal Dwarf, Blood Red.** The richest, deepest colored stock grown, 15

**Early Autumn-flowering.** Commences flowering in the autumn, and if removed to the house will bloom during the winter; mixed colors, 10

**Dwarf, Ten Weeks, Mixed.** Not over 30 per cent of these come double from open ground seed, 5

**New Perpetual.** This produces flowers continually when once in bloom, during the whole year; very double form, growing 12 inches high, and will grow three feet through if admitted room, and producing quantities of flowers. Mixed colors, 20

**Large-flowering Dwarf Pyramidal, Snow-flake.** New; pure white, 20

**Choice Dwarf German Mixed,** 10

**Brompton; or Winter.** Finest mixed, 10

**Wallflower-leaved.** Smooth, dark, shining leaves, like the Wallflower; dwarf habit. Set only six inches apart. Mixed colors, 10

**New Giant Perfection.** Pyramidal growth; long spikes of large, very double flowers; growing 2-2 1/2 feet, 15

## SWEET PEA.

Very beautiful, fragrant and free-flowering climbing plants, and continuing in bloom throughout the summer; should be sown as soon as the ground can be worked in the spring. Supported by common pea sticks they form admirable screens for protecting more tender plants, or excluding unsightly objects; hardy annuals.

**Adonis.** Carmine, pink, fine, distinct, 10

**Black Purple.** Oz., 15c., 5

**Red Striped.** Oz., 10c., 5

**Painted Lady.** Rose and white; oz., 10c. lb., 5



SWEET PEA.

95c., and by mail \$1.15,  
**Purple Striped,**  
**White.** Oz., 10c., 5  
**Crown Prince of Prussia.** Bright flush, 5  
**Capt. Clark.** Tricolor, 5  
**Dark Red.** Oz., 12c., 5  
**Scarlet Invincible.** Oz., 10c., 5  
**Mixed.** All colors; oz., 10c.; lb., 60c.; by mail 75c., 6  
**Butterfly.** White ground, shaded with lavender blue, 6  
**Princess Beatrice.** Carmine rose; new, 10  
**Yellow,** 5

## PEAS EVERLASTING.

White, scarlet. See page 39.

## TAGETES, (See Marigold.)

## THUNBERGIA.

Ornamental, free blooming climbers, of rapid growth; handsome foliage and much admired flowers; tender annuals; mixed varieties, 10

## TROPÆOLUM.

Beautiful climbers, flowering profusely; very useful for covering trellis and rustic work out-of-doors; half hardy annuals.

**Mixed Varieties,** 5

**Peregrinum.** (See Canary Bird Vine.) 10

**Lobbianum.** Delicate foliage; good for pot or house culture; finest mixtures, 10

## TRITOMA, (Red-Hot Poker Plant.)

**Tritoma Uvaria Grandiflora.** Stalk grows three feet; the flower spike is about one foot in length, of colors varying from yellow to deep scarlet; it continues in bloom from July to October, producing a striking effect, 25

## VENUS LOOKING GLASS.

A free-flowering dwarf; hardy annual; especially adapted for beds, edging, etc., grows well in any garden soil.

**Mixed,** 5

## VIOLA, (Violet.)

A favorite much in demand on account of its profusion of bloom, and fragrance; hardy perennial.

**Viola Odorata.** (Sweet violet.) Mixed varieties, 10





VERBENA.

## VERBENA.

Sow in the house, cold frame or hot bed, from February to May, in about 60° temperature, care being taken not to let the soil get too dry or too wet, as it takes about two weeks for the seed to germinate; transplant when an inch high, planting in the open ground as soon as the weather becomes warm. They commence to bloom in July and continue till November, covering the ground from two to four feet with one mass of bloom; are usually fragrant; no plant gives more useful and showy flowers in such abundance.

- Hybrida.** Finest mixed varieties; saved from the best named varieties, 15  
**Auricula Grandiflora.** Large flowered; all colors mixed, 25  
**Cœrulea.** Blue shades mixed, 15  
**Defiance.** Splendid old scarlet bedding variety; constant; extra, 15  
**Candidissima.** Pure white; large trusses; splendid, 15  
**Scarlet.** Different shades mixed, 15  
**Italian.** Striped; from a choice collection, 15  
**Good Mixed.** All colors, 10  
**Common Mixed,** 5

## VINCA.

Evergreen shrubs. If sown early in heat and transplanted to a warm situation in the garden about May or June, they will flower beautifully in autumn, and may be potted for the house before frost.

- Fine Mixed.** 10

## WALLFLOWER.

A well-known plant, much esteemed for its fragrance; half hardy perennials.

- Double.** Finest mixed, 10

## WHITLAVIA.

A pretty annual, delicate foliage, drooping clusters of blue and white bells; hardy against cold and wet, but suffer often in hot, dry weather. For a shady place few flowers give more pleasure; is a good plant for baskets or vases.

- Whitlavia Grandiflora.** Violet blue, bell-shaped flowers; hardy annual; 10 inches high, 5

## WISTARIA.

- Wistaria Sinensis.** Hardy climbing plants, with large purple flowers. 20

## XERANTHEMUM.

A showy class of everlastings. The flowers when gathered young, are useful for winter bouquets; hardy annual.

- Double White.** 2 feet, 5  
**" Purple.** 2 feet, 5  
**" Yellow.** 2 feet, 5  
**Mixed Colors,** :



DWARF DOUBLE ZINNIA.

## ZINNIA.

They grow rapidly from seed, blooming in about eight weeks, continuing until killed by frost. They form plants about 20 inches high, with profusion of flowers of nearly all colors and shades, resembling in form the double dahlia; are largely used for massing or high borders; set plants about 12 inches apart. The dwarf varieties are of recent introduction, growing but 10 to 12 inches high, and in most cases are preferred to the tall varieties; seed can be sown in March or April in boxes and transplanted, or sow seed in open ground.

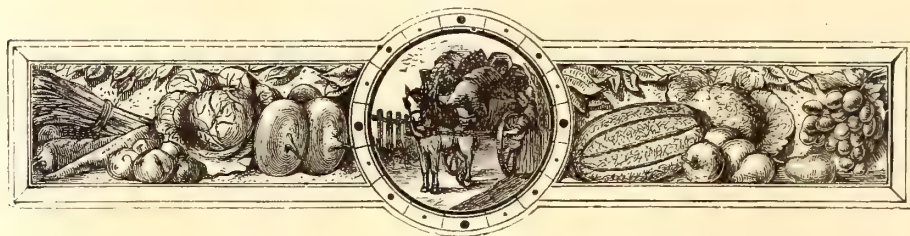
- Zinnia, Double Tall.** The ten varieties mixed, 5  
**" " Dwarf White.** 10  
**" " " " " " " " " " " "** The dwarf varieties are highly recommended; ten varieties in finest mixtures, very double, 10  
**Darwinii, Double.** Small flowering, 10

## FLOWER SEEDS BY WEIGHT.

For Florists, and Those Wanting in Larger Quantities than in Packets.

- Aster.** Truffant's improved Pæony-flowered, oz. 1.75  
**Crown White Center,** 2.00  
**Pæony flowered Globe,** 1.50  
**French Pæony-flowered; extra fine mixed.** 1.75  
**Dwarf Chrysanthemum fl. mixed,** 2.25  
**Victoria, Dwarf; finest of the dwarf varieties** 2.00  
**Alyssum, Sweet,** 30  
**Balsam.** Improved Camellia Double Rose-flowered, 1.00  
**Double White Perfection, 1-4 oz., \$1.00,** 3.50  
**Camellia-flowered; semi-double mixed,** 30  
**" " (French) " " "** 75  
**Candy-tuft.** Fragrant; pure white, 20  
**Mixed colors,** 20  
**Carnation.** 1-8 oz., finest mixed double, 50  
**Centauria Gymnocarpa.** Per 1,000 seed, 75  
**Cypress Vine.** Scarlet, 40  
**Mixed colors,** 30  
**Cyclamen Persicum.** Extra choice mixed; per trade packet, \$1.00.  
**Dianthus.** Chinese Pink: double: fine strain, 35  
**Hedderwigii, double.** 50

<b>Gourds.</b> Ornamental,	30	<b>Phlox Drummondii.</b> White or scarlet,	75
<b>Lobelia.</b> Fine mixed; crystal palace,	1.00	Finest mixed,	50
<b>Morning Glory.</b> Mixed colors,	12	Large-flowered,	1.00
<b>Mignonette, Grandiflora.</b> Sweet,	20	<b>Portulacca.</b> Single, mixed,	40
“ New spiral,	75	Double, mixed,	2.50
<b>Nasturtium.</b> Dwarf, mixed colors,	20	Extra fine quality, double, mixed, selected, 1-8 oz.	\$1.00.
“ Tall, mixed colors,	15	<b>Pyrethrum.</b> (Golden Feather),	1.00
<b>Pansy.</b> Good mixed,	1.00	<b>Ricinus.</b> Mixed,	30
Improved large-flowering; extra,	2.50	<b>Sweet Peas.</b> Mixed colors, 60c. lb; mail, 75c.	
“ “ fancy, from the choicest named		<b>Stock.</b> New dwarf pyramidal-flowered, pure	5.00
varieties; per packet, \$1.00	5.00	white, 1-4 oz., \$1.50	3.00
<b>Petunia.</b> Common mixed,	75	Mixed colors, best quality mixed,	1.50
Blotched and Striped, inimitable, very choice,		Good double, mixed,	3.00
1-4 oz., \$1.00.		<b>Verbenas.</b> White, Candidissima,	3.00
Good Blotched and Striped,	\$1.50	Extra fine mixed, prime quality, selected,	3.00
Nana Compacta Striped, 1-16 oz., \$1.00		Scarlet,	40
Grandiflora; very choice strain of striped, mot-		<b>Zinnia,</b> Mixed, best double, tall,	60
tled, in the larger flowers, and deepest and richest		“ “ “ dwarf,	
colors, 1-32 oz., \$1.00			



## VEGETABLE SEEDS.

### SOWING SEED.

In sowing seed, never cover too deep. It should be regulated by the size, covering only a little deeper than the size of the seed. In hot, dry weather the soil should be rolled after covering, that the seed may germinate quickly.

It is of great importance in sowing seeds, either in hot bed or open ground, that the temperature should be right. Cabbage, Cauliflower, Lettuce, Radish, Beets, etc., will germinate freely in a temperature of about 50°, while Tomato, Pepper, Egg Plant, etc., require a temperature of about 15° higher. A little care on this point would save a great deal of injury to the grower, as well as to the seedsman, who is often blamed for selling worthless seeds, when the fault lies wholly with the one that sows them.

In offering the following list of Vegetable seeds, I would say that my stock has been selected with the greatest care in regard to purity and freshness, and can be relied on as being the very best in quality. I invariably test all seeds offered for sale by me. Great care is used to supply every article true to name and of good quality.



### ASPARAGUS.

Sow early in spring, as soon as the ground will admit of working, in rows a foot apart; the plants will be in a condition to set out the succeeding spring. Previous to sowing the seed, soak in tepid water for twenty-four hours.

Add 15 cents per pound if sent by mail.

#### Conover's Colossal. A

variety of large size, tender, productive, and of excellent quality. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 60c.

**Moore's New Giant.** Superior to Conover's Colossal in every respect, and has been awarded many first-class prizes. Pkt., 5c.; oz., 15c.; 1-4 lb., 35c.; lb., \$1.25.

### ASPARAGUS ROOTS.

**Conover's Colossal.** One year old roots, 75c. per 100; by mail, \$1. Two year old roots, \$1 per



100; by mail, \$1.50.

**Moore's New Giant.** One year old roots per dozen, 20c; per hundred, 85c; if by mail, add 25c. extra per 100. 2 yr. roots \$1.25 per 100.

## ARTICHOKE, (Jerusalem.)

Grown for tubers, which resemble potatoes, cultivated in a similar manner when planted for field culture; make hills about four feet apart. Tubers, price per qt., 25c.; pk., \$1.50; 3 lb. package by mail, \$1. Seed, Large Globe. Pkt., 10c.; oz., 35c.



**EARLY BLOOD TURNIP BEET.**

## BEETS.

Soak the seed for twenty-four hours in warm water, and sow immediately in drills 15 inches apart, one inch deep. The best soil is a light, rich, sandy loam, well manured with decomposed compost, carefully worked in. For an early supply, sow as soon as the ground can be worked in spring, and about the middle or end of May for a general crop. Successive sowings are recommended during the season till the end of June. Thin the plants to a distance of about 6 inches, and keep the ground well stirred. Harvest before severe frost, and cover in the cellar with sand or dried earth. Per pkt., 5c. Add 16 cents per pound if sent by mail.

**Egyptian Turnip.** The earliest variety; deep blood red; small and upright leaves, whereby it can be grown nearly twice as close as any other variety. Pkt., 5c.; oz., 10c.; 1-4 lb., 15c.; lb., 60c.

**Eclipse.** This is becoming one of the most popular varieties for market gardens, and a much better table beet than the Egyptian. (See Novelties.) Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 80c.

**Bastain's Blood Turnip.** One of the best early blood red varieties; very uniform, smooth, round, small top, excellent for market, early or late. Pkt., 5c.; oz., 10c.; 1-4 lb., 15c.; lb., 50c.

**Early Bassano.** Very early; not blood red. Pkt., 5c.; oz., 10c.; 1-4 lb., 15c.; lb., 50c.

**Early Blood Turnip.** The standard early sort; an excellent variety for summer and winter. Pkt., 5c.; oz., 10c.; 1-4 lb., 15c.; lb., 50c.

**Dewing's Improved Blood Turnip.** Roots blood red, of fine form and flavor; very desirable variety. Pkt., 5c.; oz., 10c.; 1-4 lb., 15c.; lb., 50c.

**Long Smooth Blood Red.** An excellent late variety; a great improvement on the common Long Blood. Pkt., 5c.; oz., 10c.; 1-4 lb., 15c.; lb., 40c.

## SUGAR BEET AND MANGEL WURZEL. (For Feeding Stock.)

Sow from the 15th of April until June, at the rate of four to six pounds per acre. Sugar beet and Mangel Wurzel stand unrivalled as an indispensable root for cattle, and largely increase the flow of milk, without imparting an unpleasant flavor. Pkt., 5c.; oz., 10c., except where noted.

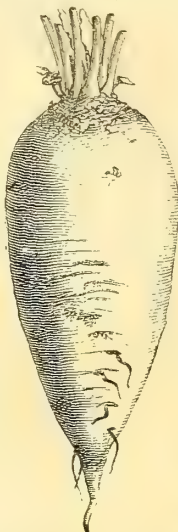
Add 16 cents per lb. if sent by mail.

**Lane's Improved Sugar.** An improved large white sugar beet. 1-4 lb., 15c.; lb., 45c.; 5 lbs., \$2.00.

**White Silesian Sugar.** Rapidly growing in favor for stock feeding, producing from fifteen to twenty tons per acre. Used in Germany and this country extensively for the manufacture of sugar. Oz., 10c.; 1-4 lb., 15c.; lb., 40c. (See cut.)

**Vilmorin's Improved French White Sugar.** This is the variety grown by the French for the manufacture of sugar. Oz., 10c.; 1-4 lb., 15c.; lb., 50c.

**Norbitan's Giant.** The finest variety of the Long Red Mangel Wurzel for feeding stock. Oz., 10c.; 1-4 lb., 15c.; lb., 40c.



**WHITE SILESIAN SUGAR.**

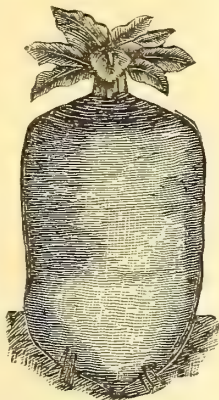
## Golden Tankard.

This variety admits of close culture, and will be found the best producing variety of the intermediate class. It is very solid, small top, smooth and broad. Oz., 10c.; 1-4 lb., 15c.; lb., 50c.

**Yellow Globe Mangel Wurzel.** Roots of large size and globular form; very productive; keeps better than the Long Red, and is better adapted for growing in shallow soil; Oz., 10c.; 1-4 lb., 15c.; lb., 40c.

**Kinver Yellow Globe.** A new and very productive variety; one of the best. Oz., 10c.; 1-4 lb., 15c.; lb., 50c.

**Yellow Ovoid.** An intermediate variety between the Globe and Long Red; quite free of roots and a heavy cropper. Oz., 10c.; 1-4 lb., 15c.; lb., 50c.



**GOLDEN TANKARD MANGEL.**

**Long Red Mangel Wurzel.** This variety is more generally grown for agricultural purposes than any other, producing roots of large size and of excellent quality. 1-4 lb., 15c.; lb., 40c.

## BEANS, (Dwarf or Bush.)

A succession of sowings may be made from the first of May until September. Plant in drills about two inches deep, and from 18 inches to two feet apart. Per packet, 10c.

Add 30 cents per quart if sent by mail.

**Black Wax.** The pods, when ripe, are of a waxy yellow; transparent; very tender and delicious. Qt., 20c.; 1-4 bush., \$1.25.

**Crystal White Wax.** Small pods, and beans very rich and tender in the green state, and very prolific; color, waxy white, transparent pods, and stringless. Its pods are quickly developed and slow to harden, retaining their tenderness for a long time. Pkt., 10c.; qt., 30c.

**White Wax.** One of the most useful of the White Wax string beans. Yellow pods. Packet, 10c.; qt., 30c.; Peck, \$1.50.



GOLDEN WAX.

**Early Golden Wax.** This sort is one of the most valuable early string Bush beans. A distinct variety; one week or ten days earlier than the Dwarf Black Wax; pods large, long and brittle, and entirely stringless. As a Snap bean it excels all others in tenderness, richness of flavor, and has the further merit of being one of the best shell beans grown for winter use. Pint, 15c.; qt., 25c.; peck, \$1.75. (See cut.)

**Longwood.** (New.) This is considered the earliest variety grown; very prolific, bearing three dozen pods on one plant. Packets only, 10c.

**Leviathan.** (New French.) It is said to be the largest podded variety in cultivation, pods measuring 12 to 16 inches in length. The most attractive variety for exhibition. Pkt., 10c.

**Canadian Wonder.** Large abundant pods; very tender. Pkt., 10c.; pint, 20c.

**Flageolet Chevrier.** (New.) This is remarkable for keeping its pods and beans in the green state a long time, even when ripe. Pkt., 15c.

**Wonder of France.** A new French variety, very early and productive. The leaves drop just before maturity of pods, which then ripen very quickly, leaving the beans of a beautiful color. Pkt., 10c.

**Cleveland's Improved Valentine.** (True.) An improved variety of the Valentine, so much grown for a market string bean. Two weeks earlier than the common Red Valentine. Pkt., 10c.; qt., 25c.; pk., \$1.50.

**Horticultural, or Cranberry Bush.** Owing to the great amount of labor in picking beans, this variety is much used in place of Horticultural Pole, which is much earlier and a great producer. It is in much demand by market men, and as a dry bean is far richer than the pole variety for family use. Pkt., 10c.; qt., 25c.; pk., \$1.50.

**Refugee, or Thousand to One.** A very prolific bush sort. Pkt., 10c.; qt., 30c.

**Early China.** Very early; string or shell; popular and productive. Pkt., 10c.; qt., 20c.; 1-4 bush., \$1.25.

**Early Mohawk.** Suitable for northern latitudes; is less susceptible to injury from cold than most of the others; productive; good quality. Pkt., 10c.; qt., 20c.; 1-4 bush., \$1.40.

**White Valentine.** The habit of growth of this variety is similar to the well known Red Valen-

tine. It is a very prolific bearer. Pkt., 10c.; qt., 25c.

**Pea Bean.** Very productive, small, nearly round; grown for field culture. Qt. 15c.; 1-4 bush., 85c.; 1 bush., \$3.

**White Marrowfat.** Extensively grown for sale in the dry state. Qt., 15c.; 1-4 bush., \$1.

**White Kidney.** A much esteemed field bean. Pkt., 5c.; qt., 15c.; peck, \$1.00; bush., \$3.50.

**Red Kidney.** A standard red sort. Pkt., 5c.; qt., 15c.; 1-4 bush., \$1.00; bush., \$3.25.

**Improved Yellow Eye.** Very strong and prolific; one of the best for baking. Pkt., 5c.; qt., 15c.; 1-4 bush., \$1.00; 1 bush., \$3.

## BEANS, Pole or Running.

These succeed best in sandy loam, which should be liberally enriched.

**Improved Large Lima.** Its noted improvement is its remarkable earliness; its great productiveness and delicious flavor are unequalled. Pkt., 10c.; qt., 30c.

**Early Lima or Sieva.** Earlier and more hardy than Large Lima. Pkt., 10c.; qt. 30c.

**King of Limas.** Larger and more productive than other Lima varieties. Pkt., 15c.

**Dutch Case Knife.** A very productive variety, and one of the earliest. Qt. 25c.; 1-4 bush., \$1.75.

**Horticultural or Speckled Cranberry.** A popular variety for private use, or market gardener, equally serviceable in green state or when shelled. Pkt., 10c.; qt., 25c.; peck, \$1.75.

**German Wax.** One of the best either for snap or shell in the green state. Pkt., 10c.; pint, 15c.

**Scarlet Runner.** An ornamental plant and a useful vegetable. It grows to the height of 10 feet, producing scarlet flowers. Pkt., 10c.; pt., 20c.

**Dreer's Improved Large Lima.** Produces a larger yield than Large Lima. Pkt., 10c.; qt., 35c.

**White Runner, or Dutch.** Similar to Scarlet Runner, except in color of seed and flower. Pkt., 10c.; qt., 30c.

**Yard Long.** Pods grow two to three feet long. Pkt., 15c.

**Painted Lady.** For use or ornamental. Pkt., 10c.

*Add 30 cents per quart if sent by mail, or 15 cents per pint.*

## BROCCOLI.

Nearly allied to the Cauliflower, but more hardy and sure to head. It succeeds best in moist and rather cool atmosphere. Per pkt., 10c.

**White Cape.** Heads medium size, close, compact, and of a creamy white color; one of the most certain to head. Oz., 50c.

**Purple Cape.** Differing from the preceding in color which is of a greenish purple. Oz., 50c.

## BRUSSELS SPROUTS.

This is one of the best vegetables for winter use, producing from the axils of the leaves an abundance of sprouts, resembling small cabbages.

**Tall French.** Pkt., 5c.; oz., 15c.

**Dwarf Improved.** Pkt., 10c.; oz., 35c.

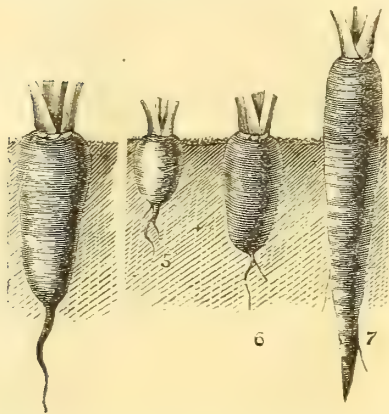
## CARROTS.

Rather light loam is the most suitable for the Carrot. The ground should be well enriched with fine rotted manure, six or eight cords to the acre. Plant in rows 15 inches apart, and then plant three to five inches in the rows, according to the variety. Plant from 1st to the 15th of May to ensure a crop, and often good crops are harvested when sown as late as June 10th. The dry weather which pre-



vails at that season is apt to prevent the germination of the seed. In such cases it is better to increase the quantity of seed, being more certain to yield a good crop. Seed is sometimes soaked to hasten germination. Hoe often, and keep very clear from weeds.

**Early Scarlet Horn.** For forcing; color, deep orange; excellent for table. Pkt., 5c.; oz., 12c.; 1-4 lb., 30c.; lb. \$1.00. (Fig. 5.)

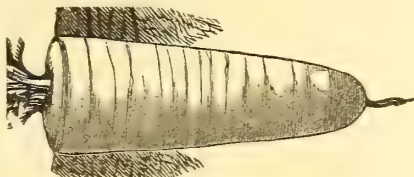


**Short Horn.** The standard early variety. Sweeter than Long Orange, and more solid; good

to color butter. Pkt., 5c.; oz., 12c.; 1-4 lb., 30c.; lb., \$1.00.

**Long Orange.** Good for stock; a standard field carrot. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 75c.

**Improved Long Orange.** Of a darker and richer color than Long Orange. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 75c.



INTERMEDIATE.

**Danvers.** Between Long Orange and Early Horn; smooth, of a rich orange color; is considered more profitable to raise than Long Orange; 20 to 30 tons per acre under the best cultivation. Oz., 10c.; 1-4 lb., 25c.; lb., 80c. (Fig. 8.)

**Large White Belgian.** Largest of all and most productive. Good for horses; the whole can be pulled by hand. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 50c. (Fig. 7.)

**Intermediate.** In many respects this is a superior variety to the Danvers, growing more bulk per acre. A very handsome, smooth variety. (See cut above.) Farmers who give it a trial will, I think, be pleased with it. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 80c.

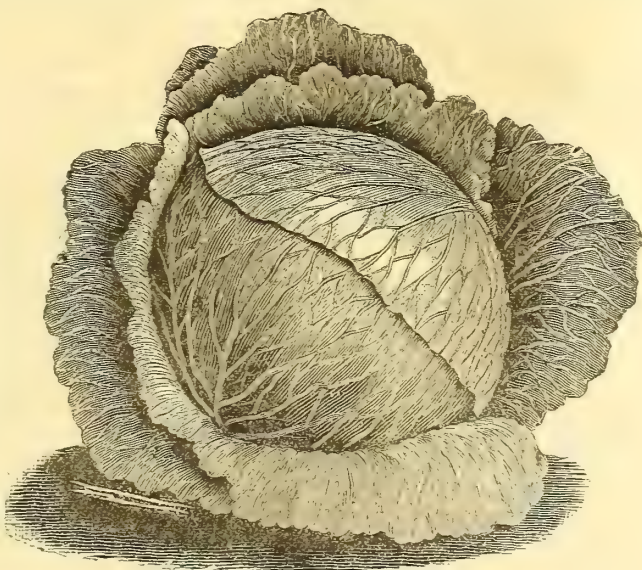
**Guerande.** (New. See novelties.) Pkt., 5c.; oz., 20c.; 1-4 lb., 40c.; lb., \$1.15.

Add 16 cents per pound if sent by mail.

Market Gardeners and all in want of good Cabbage seed, will, I think, be pleased with my stock which is grown and selected with special care.

## CABBAGE.

They produce the best results on strong soil, previously cultivated one year with corn or potatoes; seldom succeeding where followed by cabbage or turnips. The stronger the land, the better they will head. Plough deep without turning up much poor subsoil, and manure liberally with well rotted manure; applying broadcast, lightly turning under or working well into the soil with a disk or acme harrow. A light dressing of guano, superphosphate, or bone and ashes raked into the soil around the plant, assist greatly in increasing its growth.



EARLY DEEP HEAD BRUNSWICK.

Sow the seed for the early varieties in Feb, March or April in hot-bed, greenhouse or other suitable place in boxes. When the second leaf appears, transplant from one to two inches apart, giving plenty of air and light to avoid growing slim and tall. When the ground becomes warm and settled in April or May, transplant in the field in rows two to three feet apart according to variety; setting plants 18 to 30 inches apart in the row, hoeing often till the leaves nearly covered the ground.

For late varieties sow seed in open ground from 1st. to 25th. of May in this section, and transplant where they are to grow in the field in June or July, or the seed can be planted in the field where they are to grow, dropping 3 to 5 seed in each hill, the last of May or early June, being careful not to let the insects or weeds overtake them. When of sufficient size, thin out all but one plant, keeping the ground well cultivated.

**Early Deep Head Brunswick.** An improvement on Fottler's Early Drumhead, being equally as early, of deeper, thicker heads, making it of more value for market to both dealer and grower, as it weighs more and is very solid; being of more value for winter keeping. Price, pkt., 10c.; oz., 25c.; 1-4 lb., \$3.00.

**Fottler's Early Drumhead.** A week to 10 days later than Winnigstad, with large flat heads; select stock. Pkt. 5c.; oz., 20c.; 1-4 lb., 65c.; lb., \$2.35.

**Early Winnigstad.** One of the best for general use; very solid, of medium size, cone shape, maturing a few days later than the Wakefield. A remarkable cabbage for all kinds of soil. Pkt., 5c.; oz., 20c.; 1-4 lb., 55c.; lb., \$2.00.

**Filderkraut.** A new German cabbage introduced from Germany; the most solid variety grown; almost as hard as marble; and sure to head; short stump; good size. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.



IMPROVED JERSEY WAKEFIELD.

**Improved Jersey Wakefield.** True American grown seed. This is a favorite with gardeners in all parts of the country; early, good size and quality, very reliable for heading. This seed can be relied upon as equal to any offered; grown from fine specimens only. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.; lb., \$2.75.

**Warren's Stone Mason.** An improvement on the ordinary Stone Mason. In every respect far superior and very popular with market-men. A little later than Deep Head, forms a round, very solid head, keeping excellent in winter. One of the most profitable for winter use and planted in preference to Flat Dutch. Pkt., 10c.; oz., 30c.; 1-4 lb., \$1.00; lb., \$3.50.

**Premium Flat Dutch.** This is grown from select stock. Large, late, excellent for winter and a standard in some sections. Pkt., 5c.; oz., 20c.; 1-4 lb., 65c.; lb., 2.00.

**Marblehead Mammoth.** The largest of all cabbages. Heads have been grown weighing 60 pounds. Pkt., 10c.; oz., 30c.; 1-4 lb., 75c.; lb., \$2.75.



PERFECTION DRUMHEAD SAVOY.

**Perfection Drumhead Savoy.** The best Savoy variety, large, thick, solid heads, compact and finely curved; a superior strain of the most tender and finest flavored of all cabbages. Pkt., 10c.; oz., 25c.; 1-4 lb., 65c.; lb., \$2.50.

**Low's Peerless.** (New.) A cross between Fottler's Brunswick and Wakefield. Is claimed to be earlier and larger than Henderson's Summer, and gives better satisfaction than any other early drumhead. Pkt. 10c.; oz., 30c.; 1-4 lb., \$1.; lb., \$3.50.

**Early Etampes.** An extra early cone-shaped variety. Pkt., 10c.; oz., 30c.

**Blood Red Berlin.** A new variety of much promise; very deep red, good size and short stump; earlier than the preceding and solid. Pkt., 10c.; oz., 35c.

**Red Drumhead.** Larger than Red Dutch; very solid and reliable for heading. Pkt., 5c.; oz., 20c.; 1-4 lb., 75c.; lb., \$2.80.

**Red Pickler.** An early, pointed, red variety, representing Winnigstad in shape; heads very solid; of intense dark reddish color. Pkt., 10c.; oz., 30c.

**Blood Red Erfurt.** A new early red variety of recent introduction. Pkt., 10c.; oz., 30c.

*Any new varieties, I will furnish 6 packets of 6 varieties for 50c.; or 6 packets of any 5c. packets for 25c.*

## CUCUMBER.

Plant in warm, rich, sandy soil, in hills 4 feet each way. Place two shovel-fuls of well rotted manure in each hill; cover with soil lightly, planting 8 to 12 seed in each hill, covering 1-2 an inch deep. When well advanced, pull out, leaving 4 plants. Guano, phosphate, ashes, bone are also good fertilizers when applied lightly in each hill. Dust with lime plaster or sing shot to protect from insects.

## WHITE SPINE.

**Peerless.** Best strain of white spine cucumber in cultivation; fine; perfect form; crisp; very productive. For early market or family use it is much valued. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 80c.

**Early White Spine.** A favorite market variety, of medium size; deep green; flesh crisp and of fine flavor. (Fig. 2.) Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 75c.

**Boston Pickling.** Used about Boston by market gardeners for pickles more than any other variety. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 80c.



**Early Cluster.** A much esteemed early sort, growing in clusters; extremely productive. (Fig. 1.) Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 75c.

**Long Green.** A fine, large fruit, of finest quality; excellent for pickles. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 75c.

**Early Frame.** An old and popular variety, of medium size. Pkt., 5c.; oz., 10c.; 1-4 lb. 25c.; lb., 75c.

**Short Green, or Gerkin.** Similar to Early Frame; Pkt., 5c.; oz., 10c.; 1-4 lb., 75c.



**Green Prolific.** One of the best varieties for pickling, and the most prolific. Uniform in size. Pkt., 5c.; oz., 10c.; 1-4 lb., 2 c.; lb., 80c.

**Snake.** Grows 5 to 6 feet long, coiled up like a snake. Pkt., 10c.

Add 16 cents per pound if sent by mail.

## CRESS, OR PEPPERGRASS.

A well known pungent salad. Requires to be sown thickly and covered very slightly, at frequent intervals, to keep up a succession, as it soon runs to seed.

**Extra Curled.** Very fine; may be cut two or three times. Pkt., 5c., oz., 10c.; 1-4 lb., 20c.; lb., 50c.

**Water Cress.** English. Plant along streams of water. Pkt., 10c.; oz., 50c.

## CAULIFLOWER.



LARGE EARLY DWARF ERFURT.

One ounce of seed will produce about 3000 plants. They require about the same treatment as Cabbage.

A good supply of manure is necessary to give a quick, healthy growth. In a dry season a liberal supply of water and liquid manure is very beneficial applied two or three times a week. Set plants in rows 2-2 1/2 feet apart by 2 feet in the row. In blanching, gather the leaves and tie loosely, or

turn the leaves over the head and place a small stone thereon to keep them in place.

**Large Early White Erfurt.** An excellent variety, producing heads of large size; white, compact and tender. Pkt., 15c.; oz., \$1.50.

**Early Paris.** A well known, excellent variety; very early and tender, is more inclined to give good results where other varieties fail. Pkt., 15c.; oz., 75c.

**Henderson's Early Snow-Ball.** Very early; dwarf; producing heads fine and white; good size and tender. True. Pkt., 20c.; oz., \$5.00.

**Lenormand's Short Stemmed.** Large, fine heads. Pkt., 15c.; oz., \$1.50.

**Early Giant Italian.** Very fine for northern climate; large white head; early and productive. Pkt., 15c.; oz., \$1.50.

## CORN.

Early varieties can be planted in rows three feet by two, or in drills two and one-half feet apart, thinning out to ten or twelve inches. The late variety rows should be three or three and one-half feet apart; the hills three feet apart, or thinning out in drills to twelve inches apart. Is not best to plant till the ground becomes warm; here 10th to 20th of May, and follow in succession every two weeks till July; or a succession of early medium and late varieties can be planted all at the same time for a supply for the season. Cory, Shaker's Early, Black Mexican, Evergreen, are four excellent sorts. Owing to cold and short seasons, sweet corn will not always ripen to germinate as well as the yellow varieties. For this reason it is better to plant two or three more kernels in each hill than is wanted to grow. In some seasons it is difficult to dry sufficiently for seed before cold weather approaches, and if frosted before thoroughly dry, is liable to kill the germ; and to be safe I would always recommend seeding one-third more than is required to grow, particularly with late varieties. Sweet corn seems more sensitive to cold weather than yellow varieties. Good seed planted in cold, wet weather, will often fail, when if planted later in warm, dry soil, all will germinate.



**Cory.** The earliest corn grown; about a week earlier than Early Marblehead; prolific, sweet, and delicious; the coming early market sweet corn. (See novel-ties.) Pkt., 10c.; pt., 15c.; qt., 25c.; pk., \$1.50; bush., \$4.50.

**Shaker's Early.** To follow Cory is an excellent variety, ripening with E. Minnesota, while the ears are much larger; white and very sweet. Pkt., 10c.; qt., 30c.; pk., \$2.25.

**Black Mexican.** The sweetest and most tender of all varieties. Its color is not black till fully ripe; white when in the green state; eight rowed of medium size; medium to ripen; two and three ears on a stalk; very profitable for family or market. Packet, 10c.; qt., 20c.; pk., \$1.00.

CORY SWEET CORN.

It requires 1 qt. to 200 hills; 1 peck to plant an acre in hills or 1 1-2 bushels in drills for fodder.

*If by mail, add 10 cts. per pint or 20 cts. per quart.*

**Golden Sweet.** Early; good sized ears; color yellow; considered very rich in flavor. Pkt., 10c.; qt., 30c.

**Early Marblehead.** One of the earliest varieties. A week earlier than Minnesota. 1s of good market size and very sweet. Pkt., 10c.; qt., 20c.; pk., \$1; bush., \$3.50.

**Early Minnesota.** One of the standard second early varieties for market or family use to follow Early Cory. Qt., 20c.; 1-4 bush., \$1; bu., \$3.50.

**Crosby's Early Sugar.** An excellent second early variety. Pkt., 10c.; qt., 20c.; 1-4 bush., \$1; bush., \$3.50.

**Moore's Early.** Second early to follow Crosby Early. Qt., 20c.; pk., \$1; bush., \$3.50.

**Stowell's Evergreen.** A late variety of excellent quality, remaining longer in the green state than other kinds. Qt., 20c.; 1-4 bu., \$1.00; bu., \$3.50.

**Egyptian.** Ears large. Ripening late, it is sweet, prolific, and demands a high price in mar-

12 ears, 50c.; pkt., 10c.; qt., 35c.; 10 lbs. on the ear, selected, \$1.00.

**Holden's Early Field.** The most popular among the farmers of the Connecticut Valley. Price per 12 ears, 40c.; 100 ears \$2.50; qt., 15c.; pk., 75c.; bu., \$2.00. Vermont grown.

**Early Yellow Canada.** Pkt., 5c.; qt., 15c.; pkt., 75c.

**Early Yellow Flint.** Pkt., 5c.; qt., 15c.; pk., 75c.

**A of Midnight.** An early eight rowed variety, yellow flint with perfect ears; 12 to 14 inches long, and under good cultivation has yielded 100 to 160 bushels per acre. The seed offered has been grown in this section. Per qt., 15c.; pk., 75c.; bu., \$2.00.

## CORN SALAD.

Seed sown in August protected by leaves during the winter, can be used in the spring very early; also sown in spring. Sow in rows, as for lettuce. Per lb., \$1.00; oz., 10c.

## ENSILAGE AND FODDER CORN.

### Lindsay's Ensilage Corn.

Planted beside Blunt's Prolific, White Southern, and others claimed to be better, has positively proved itself the most remarkable corn for ensilage of any yet known variety. It will certainly yield double the fodder of White Southern, one-third to one-fourth more than Blunt's Prolific. Those who wish to give it a trial and have not, I will send 1-4 bushel at bushel rates. To all those who farm for profit I can with confidence recommend this variety to yield one-third more profit to the farmer for ensilage purposes than any other variety. Do not plant other kinds because cheap, when you can get the pure stock. I purchase direct from the grower, pure and tested, sure to germinate. All who tested it are very strongly in its favor as the best for silo purposes. *A special corn circular with revised prices in April, mailed free.* Qt., 15c.; pk., 75c.; 1-2 bu., \$1.25; bu., \$2.25. In 3 to 10 bu. lots, send for spec. vol. rates.

**Blunt's Prolific.** Yields about 1-3 less fodder in weight than Lindsay's. Qt., 15c.; pk., 90c.; bu., \$2.25.

**White Southern.** Qt., 15c.; pk., 45c.; bu., \$1.40.

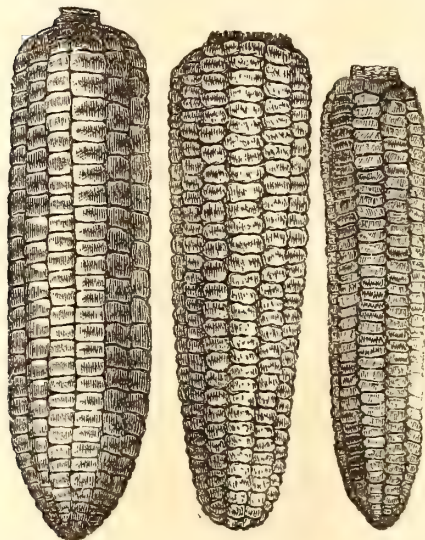
**Red Cob Ensilage.** A pure white corn used by many for silo purposes. Peck, 60c.; bu., \$1.40.

**Sweet Corn for Fodder.** Is much preferred to the yellow by our best farmers. Pk., 60c.; bu., \$2.00.

## CELERY.

Sow seed in hot bed or boxes in March; when well up transplant in cold frame. In July transplant in shallow trenches or on level ground on highly manured soil, setting plants in rows four feet apart, and plants six inches apart. Or in a more mild climate, sow the seed in the open ground as soon as it is fit to work in April, and keep clear of weeds until the time of planting in June or July. About the middle of August begin the "earthing up" necessary for bleaching or whitening that which is wanted for use during the month of September, October and November.

The leading varieties now grown are Golden Dwarf, White Plume, and New Rose.



SWEET MAMMOTH. STOWELL'S. MINNESOTA.

ket. Qt., 20c.; pk., \$1.

**Potter's Excelsior.** This variety is considered the sweetest and richest flavored for table use. Matures after Minnesota. Pkt., 10c.; qt., 20c.; pk., \$1.25.

**Mammoth Sweet.** Ears weighing between two and three pounds each. This is a very sweet corn for family use. Pkt., 10c.; qt., 25c.; pk., \$1.00.

**White Early Cory.** A selection of the Cory having white cob and kernel, equally as early and sweet. Pkt., 10c.; qt., 15c.; qt., 25c.; pk., \$1.50; bu., \$4.50.

**Sweet Corn for Fodder.** Per 1-4 bu., 60c.; per bu., \$2.00.

## CORN for FIELD CULTURE.

**Rice Pop Corn.** This is grown from selected ears, and is entirely free from mixtures; one of the best varieties of pop corn. Price per ear, 5c.;



**Golden Dwarf.** A leading variety in all parts of the country: very solid, of the finest flavor, and the most free from rust; keeping in winter better than any other variety. Pkt., 5c.; oz., 20c.; 1-4 lb., 60c.; lb., \$2.00.

**Boston Market.** A leading Celery in Boston and vicinity. It is dwarf, branching, remarkably fine flavored, crisp and tender. Pkt., 10c.; oz., 30c.; 1-4 lb., \$1.00.

**Early Arlington.** Pkt., 10c.; oz., 40c.; lb., \$5.00.

**White Solid.** A variety raised in New York. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.

**Dwarf Crimson.** Good flavor: of crimson color. Pkt., 5c.; oz., 25c.

**Henderson's New White Plume.** The inner stalks and leaves are naturally white and do not require earthing up like other varieties; tie the stalks together and draw a little earth about the plant is sufficient. It is a fair keeper, tender, good flavor and quite ornamental. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.

**New Rose.** One of the best of the red varieties, very hardy and very brittle when bleached, of the finest flavor. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.



**Turnip-Rooted Celery.** Large, smooth; turnip shape; grown in nearly the same manner as celery. Pkt., 5c.; oz., 25c.

**Celery Seed.** For flavoring pickles, soups, etc. Oz., 10c.; lb., 40c.

#### CELERY BLEACHING.

To store celery for winter, dig trenches eight inches wide, to admit of two rows, leaving tops after trenched about six inches below the top of the ground, cover the roots only a little, then cover with boards, thus adding leaves and six inches of soil to keep out frost during the winter, or it can be stored in the cellar in the same way without covering the tops.

### EGG PLANT.

The seed should be sown in hot beds the first week in April, care being taken to protect the young plants from cold at night. If no hot bed is at hand, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or

boxes in the house.

**New York Improved.** The leading market variety; excellent and very productive. Pkt., 10c.; oz., 50c.

**Long White.** Ornamental variety of excellent quality. Pkt., 10c.; oz., 30c.

### ENDIVE.

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April.

**Green Curled.** Very hardy; leaves dark green, tender and crisp. Pkt., 5c.; oz., 20c.

### HERBS.

No garden is complete without a few sweet or medicinal herbs, and pains should be taken to harvest them properly. This should be done on a dry day. Then dry quickly and pack closely, keeping them entirely excluded from the air. Sow in spring in shallow drills one foot apart.

**Anise.** Pkt., 5c.; oz., 15c.

**Belladonna.** Pkt., 5c.

**Caraway.** Pkt., 5c.; oz., 10c.

**Coriander.** Pkt., 5c.; oz., 10c.

**Dill.** Pkt., 5c.; oz., 15c.

**Hoarhound.** Pkt., 10c.; oz., 40c.

**Lavender.** Pkt., 5c.; oz., 10c.

**Marjoram.** (Sweet.) Pkt., 5c.; oz., 30c.

**Saffron.** Pkt., 5c.; oz., 15c.

**Sage.** Pkt., 5c.; oz., 15c.; 1-4 lb., 50c.; lb., \$1.75.

**Summer Savory.** Pkt., 5c.; oz., 20c.; 1-4 lb., 70c.

**Thyme.** Pkt., 10c.; oz., 40c.

**Wormwood.** Oz., 40c.

### LETTUCE.

For succession crops, sowing may be made in the open ground as early as spring opens until July, in boxes in the house or cold frame, transplanting in open ground as soon as the weather becomes settled.

**Early Curled Simpson.** This variety, properly speaking, does not head, but forms a compact, close mass of leaves; the earliest leading market sort, and one of the very best for family use, always crisp and tender. Pkt., 5c.; oz., 20c.; 1-4 lb., 40c.; lb., \$1.50.

**Oak Leaved.** New; deeply cut leaves. Pkt., 10c.; oz., 25c.



EARLY CURLED SIMPSON.

**Boston Curled.** A standard in the Boston market. Pkt., 5c.; oz., 20c.; 1-4 lb., 50c.

**Tennis Ball.** Forms a close, hard head, with few outer leaves; a favorite forcing variety. Pkt., 5c.; oz., 20c.; 1-4 lb., 40c.

**Parris White Cos.** Of lighter color than the preceding; crisp and excellent. Pkt., 5c.; oz., 20c.

**Hanson.** Heads of which grow to a remarkable

size, and are deliciously tender and crisp. Pkt., 5c.; oz., 20c.; 1-4 lb., 40c.

**Black Seeded Simpson.** Larger than curled Simpson, and a good summer variety. Pkt., 5c.; oz., 20c.; 1-4 lb., 60c.

**Boston Market.** Similar to Tennis Ball. Pkt., 5c.; oz., 20c.; 1-4 lb., 40c.

**Satisfaction.** A new variety, very tender; remain in head a long time. Pkt., 5c.; oz., 20c.

**New Perpetual.** Forms compact; leaves 20 inches across, remaining tender several months. Pkt., 5c.; oz., 35c.

## DANDELION.

The Dandelion resembles Endive, and is cultivated for spring greens or for blanching for salad. The roots, when dried and roasted, are often employed as a substitute for coffee. The seed should be sown in May or June in drills half an inch deep and one foot apart. The plants will be ready for use the following spring.

**Improved French Broad Leaved.** Leaves are fully double the size of the common Dandelion, and known to produce at the rate of 1,000 bushels per acre. It is a great advance over the



MONTREAL IMPROVED MUSK-MELON.

round, growing large, about 15 pounds each; thick flesh, fine flavor. Very attractive in market. Pkt., 5c.; oz., 15c.; 1-4 lb., 30c.; lb., \$1.



old variety. Pkt., 10c.; oz., 40c.; 1-4 lb., \$1.25; lb., \$3.50.

## KOHL RABI.

Intermediate between the cabbage and turnip. Sow in June, for succession, in rows 18 inches apart, thinning out to eight inches between the plants. Being difficult to transplant, is preferred to sow the whole crop from seed, and thin out where it stands.

**Early White Vienna.** Flesh white and tender; the best sort; excellent for table use. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.; lb., \$2.25.

**Large Early Purple.** Pkt., 5c.; oz., 15c.; 1-4 lb., 40c.

## MELON, (Musk.)

The hills should be six feet apart each way. Mix well with the soil in each hill about two shovelfuls of thoroughly rotted manure. Plant about the 15th of May, and when well up thin out to three or four of the most promising plants. Pinch off the leading shoots as the growth becomes too luxuriant. Thin out when young, which will increase the size of those remaining, and cause them to ripen earlier. One ounce will plant 80 hills.

Add sixteen cents per pound if sent by mail.

**Golden Gem.** Nearly round. Very thick flesh, light green; inside rich yellow; quality superior and the earliest to ripen. Pkt., 5c.; oz., 20c.; 1-4 lb., 30c.; lb., \$1.

**Montreal Improved Green Nutmeg.** Popular in northern latitudes with marketmen. Nearly



TURK'S CAP.

**Turk's Cap.** Deeply netted and ribbed; flesh green; fine flavor and very productive; a favorite with market gardeners. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 80c.

**Surprise.** Thin skin, cream colored; thickly netted; flesh salmon; fine flavor and prolific. Pkt., 5c.; oz., 15c.; 1-4 lb., 40c.; lb., \$1.20.

**Nutmeg.** Nutmeg shaped; skin deep green; finely netted; flesh greenish yellow, rich and sugary. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 75c.

**Large Yellow Musk.** A very large variety; deeply ribbed and thickly netted; flesh salmon yellow. Oz., 15c.; 1-4 lb., 25c.; lb., 80c.

**Banana Melon.** By many thought to be an excellent melon; yellow flesh, thick meat, very solid, of fair quality, growing to resemble an overgrown banana; when ripe, 18 to 24 inches long. Pkt., 10c.; oz., 20c.

**Bay View.** A large, prolific, and fine flavored green fleshed melon. Pkt., 5c.; oz., 15c.; 1-4 lb., 25c.; lb., 80c.



JENNY LIND.



**Jenny Lind.** A very small early variety, flattened at the ends; of surpassing good quality; recommended for family garden or an early market melon. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 80c.

**Large Yellow Cantaloupe.** Flesh reddish orange, sweet and of good flavor; an early and productive variety. Oz., 10c.; 1-4 lb., 20c.; lb., 75c.

## MELON. (Water.)

Cultivate the same as Musk Melon. One ounce will plant 60 hills.

Add sixteen cents per pound if sent by mail.

**Cuban Queen.** Its size, productiveness, color, flavor, thin skin, and superior shipping qualities, render it justly celebrated. Very solid and grows to a great size. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 85c.

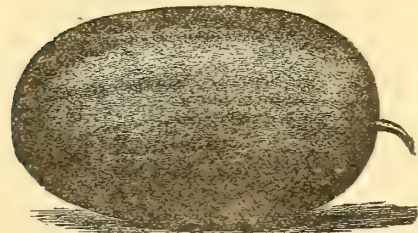
**Scaly Bark.** A thin, strong rind, solid flesh melon, of a crimson color, tender, sweet, and of excellent flavor; a valuable market variety, of medium size; excellent shipping melon. Pkt., 5c.; oz., 15c.; 1-4 lb., 30c.; lb., \$1.00.



SCALY BARK WATER MELON.

**The Boss.** One of the finest watermelons yet introduced. Perfect in shape, color and size; flavor unsurpassed; flesh deep scarlet; ripens early, and is enormously productive. The Rural New Yorker claims it best among 20 new varieties tested by them. Pkt., 5c.; oz., 20c.; 1-4 lb., 25c.; lb., 90c.

**Mountain Sprout.** Large size; longish oval; green, marbled; flesh red, of excellent quality. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 85c.



VICK'S EARLY.

**Vick's Early.** Of medium size, oblong and smooth; highly prized for its earliness; flesh bright pink, sweet and solid. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., \$1.10.

**Mountain Sweet.** Large size, longish oval; dark green, red fleshed, excellent quality. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 75c.

**Ice Cream or Peerless.** Form nearly round; flesh white, sweet and tender; an excellent early variety. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 75c.

**Black Spanish.** Skin dark green; flesh red. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 70c.

**Citron.** Round, of small size; used in making preserves. Pkt., 5c.; oz., 15c.; 1-4 lb., 30c.

**Peerless.** Same as Ice Cream. See price.

**Mammoth Iron Clad.** Claimed one of the best new melons in market. Pkt., 10c.; oz., 25c.

**Iceing, or Ice Rind.** Solid, good flavor, skin thin, oblong in shape, good size and very prolific; exceedingly popular. Pkt., 5c.; oz., 15c.; 1-4 lb., 30c.; lb., \$1.00.

**Orange.** Rind separates like an orange; high colored, good flavor. Pkt., 5c.; oz., 15c. 1-4 lb., colored.

**Kolb's Gem.** One of the finest melons grow 30c. market; of large size and attractive. Pkt., 5c. for oz., 15c.; 1-4 lb., 35c.; lb., \$1.15.

*My selection of 6 best varieties Musk and Watermelon, 3 packages each for 25 cts. (6 in all.)*

## MUSTARD.

A salad used sometimes with cress. Sow thickly in rows, and cut when about two inches high. For a crop of seeds, sow in April, in drills a foot apart, and thin out moderately when about three inches high.

**White London.** Best for salad. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 40c.



GLOBE DANVERS ONION.

## ONIONS.

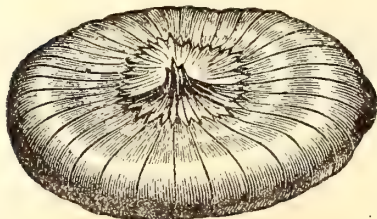
Apply 8 to 12 cords of manure per acre; plow thoroughly about 5 inches deep, and work manure well into the soil. The Onion thrives best when cultivated on the same ground for successive years. As early in the spring as the ground is in working order, level with a rake and tread it firmly; sow in drills about a quarter of an inch deep and one foot apart; cover, and press the soil with a light roller. It requires four pounds of seed to sow an acre; one ounce will sow a bed 4 1-2 by 25 feet, in drills 9 inches apart. It is beneficial to spread broadcast over the onions while growing, a mixture of ashes and bone meal, five to ten hundred pounds per acre. One-third more per acre and better onions for market can be grown by sowing

thickly, never to thin out, leaving as close as one inch apart to mature. Experiments have proved that hard and firmly packed sandy soil will yield two-thirds more onions than loose, pulverized soil. Try it and you will be convinced.

*Add 16 cents per pound if sent by mail.*

**Yellow Globe Danvers.** (True.) Grown for my trade in the onion district of Massachusetts, from selected onions. The illustration represents its true form. This is the most profitable variety to grow, yielding from six to eleven hundred bushels per acre; very early. Pkt., 5c.; oz., 25c.; 1-4 lb., 55c.; lb., \$2.35; 5 lb. lots \$12.00.

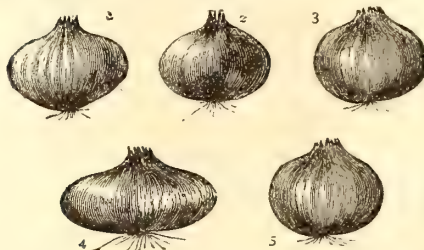
**Yellow Globe Danvers.** Good seed, but not as choice as above. Pkt., 5c.; oz., 20c.; 1-4 lb., 55c.; lb., \$1.85.



EXTRA EARLY PEARL.

**Extra Early Pearl.** The earliest of all; pearly white, growing almost as rapidly as a radish; flat; mild flavor; good keeper. A remarkable onion. Pkt., 10c.; oz., 30c.; 1-4 lb., \$1.00.

**Early Red Globe Danvers.** One of the earliest and most productive of the red varieties. Pkt., 5c.; oz., 20c.; 1-4 lb., 55c.; lb., \$2.00.



**No. 1, Early Red Globe.**

**No. 2, Southern Yellow Globe.**

**No. 3, White Globe.**

**No. 4, Flat Mammoth.**

**No. 5, New Queen.**

**Weathersfield Large Red.** Of large size; deep red in color and an excellent keeper. Pkt., 5c.; oz., 20c.; 1-4 lb., 55c.; lb., \$1.85.

**White, or Silver Skin.** (True.) White, early, delicate; not a good keeper. Pkt., 10c.; oz., 30c.; 1-4 lb., \$1.20; lb., \$3.00.

**Yellow Dutch.** A good keeper and well flavored. Pkt., 5c.; oz., 20c.; 1-4 lb., 50c.; lb., \$2.50.

**White Globe.** As large as Yellow Danvers; a good keeper and of fine flavor. Pkt., 10c.; oz., 25c.; 1-4 lb., 85c.; lb., \$3.00.

**New Queen.** An excellent variety; is remarkable for its keeping qualities and rapidity of its growth. Pkt., 10c.; oz., 25c.; 1-4 lb., 75c.

**Southport Yellow Globe.** A little later than Globe Danvers; nearly round; mild and pleasant; a good keeper and very productive. A favorite in

New York market. Pkt., 10c.; oz., 30c.; 1-4 lb., 85c.; lb., \$2.85.

**Giant Globe Madeira.** Grows to a large size; mild flavor. Pkt., 10c.; oz., 25c.; 1-4 lb., 75c.

**Large Italian Tripoli Globe.** Deep red; enormous size; mild flavor, of very rapid growth, often weighing two and a half pounds each. Pkt., 10c.; oz., 25c.; 1-4 lb., 75c.

**Tripoli White Flat Mammoth.** (New.) Growing six to seven inches in diameter, or a circumference of about twenty inches; flat, silvery white, mild, fine flavor, a heavy cropper; largest onion in cultivation; fine for exhibition. Pkt., 10c.; oz., 40c.

## ONION SETS.

The Potato and Top onions are grown only from bulbs. The Potato Onion is increased by the bulb splitting up and dividing itself into six or eight smaller bulbs, which in turn form the sets to plant for the next crop. The Top Onion forms clusters of small bulbs on the stem, which are broken apart and planted in the same manner as the sets above referred to.

*Add 20 cents per quart if sent by mail.*

**Potato Onions.** The earliest of all onions and the most profitable for the market gardener, being ready for market in 5 or 6 weeks from time of planting; to be tied in bunches in the green state; six weeks in advance of the top or white onion sets. Qt., 20c.; pk., \$1.00; bu., \$3.50.



POTATO ONIONS.

**Top or Button Onions.** Maturing just after the Potato Onion has gone by; good size and keeps well. Qt., 20c.; pk., \$1.25.

## OKRA, OR GOMBO.

The long pods of this vegetable, when young, are used in soups, stews, etc., and are believed to be very nutritious. Sow at the usual time of all tender vegetables, in drills two inches deep, in rows from two to three feet apart. Pkt., 5c.; oz., 10c.

**Improved Dwarf Green.** Early and productive. 1-4 lb., 25c.

**Long Green.** Long, ribbed pods. 1-4 lb., 25c.

## PARSLEY.

Parsley succeeds best in a rich, mellow soil. As the seed germinates very slowly, it should be sown in spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart, and half an inch deep. For winter use protect in a frame or light cellar.

**Carter's Champion Moss Curled.** The best for garnishing. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.

**Double Curled.** A fine dwarf variety; beautifully curled; excellent for garnishing. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.



## PEAS.

Repeated sowings once in two weeks will insure a regular supply. For dwarf varieties requiring no stakes, sow in single rows about two inches deep and about one and a half feet apart. For tall varieties requiring no stakes, sow in double rows about three to four feet apart, according to variety, and three inches deep.

Add 30 cents per quart if sent by mail.

For succession of crops sow **Excelsior, American Wonder, Telephone and Perpetual.**

### EXTRA EARLY.

**Bliss' American Wonder.** The earliest wrinkled Pea. For productiveness and flavor, it is unsurpassed. It grows ten to fifteen inches high; robust habit, and vines covered with a profusion of pods. Pkt., 10c.; qt., 30c.; pk., \$2.00; bu., \$7.00.



BLISS' AMERICAN WONDER.

**Excelsior.** As an early market or family pea, this stands first among the early varieties. It grows about 24 inches high, producing large, well filled pods, from five to eight peas in a pod; when ripe are nearly round, of a yellowish white color, very sweet and fine flavored. For market gardens this is as early, if not the earliest and most productive, large podded variety of smooth pea grown. Sown on the 25th of April usually are ready for market from the 9th to the 13th of June, from six to ten days earlier than the American Wonder. This seed I grow myself largely for market gardeners' trade. For family gardens it is also extensively planted. Being grown at the north on our Vermont hills, it should produce better results than seed grown farther south. Seed never in better condition than this season, perfectly free from holes, as the weevil seldom damages peas to any extent in this section. Price per packet, 10c.; pt., 15c.; qt., 30c.; pk., \$1.50; bu., \$5.50.

**Early Vermont.** A new first-early pea originating from careful selections of Improved Dan O'Rourke and First and Best, of much promise for early market and family use. Pkt., 15c.; qt., 30c.; pk., \$1.75.

**Improved Dan O'Rourke.** A standard early variety for market or home use. Growing about two feet high; pods good size and well filled; productive and of good quality. Pkt., 10c.; qt., 25c.; pk., \$1.50; bu., \$5.00.

**First and Best.** Very early, productive market or family pea. Pkt., 10c.; qt., 25c.; pk., \$1.40; bu., \$4.50.

**Express.** This variety I imported from France, there claimed to be the best early pea in the French market; thinking favorably of it, I grew several bushels for seed. It germinates quickly and grows rapidly, coming into bloom with the first earlies, maturing its first pods before any other variety; pods larger than most early peas, and of the richest flavor; for family use I think it one of the best. Pkt., 10c.; qt., 30c.; pk., \$2.00.

**Alpha.** A wrinkled pea growing two feet high; a little earlier than Little Gem and much used as a market early variety. Pkt., 10c.; qt., 25c.; pk., \$1.50; bu., \$6.00.

**McLean's Little Gem.** A dwarf, green, wrinkled variety; very prolific; ripens a few days after American Wonder; 1 foot. Qt., 25c.; 1-4 bu., \$1.50; bu., \$5.00.

**Wm. Hurst.** Ripens with American Wonder, growing six inches higher; equally as good flav-

ored and more productive; is likely to take the place of that fine variety on account of yield and earliness. Pkt., 15c.; qt., 40c.

**Alaska.** Sent out this season as one of the first early. In growth, earliness, height, color of peas and general appearance, it resembles the Express, which I imported from France in 1884, and was first introduced in 1885 in this country. It so proved tested side by side last year. Pkt., 10c.; pk., \$1.75; bu., \$6.50.

### FOR GENERAL CROP.

**Perpetual.** This to follow the Telephone is the best late variety on account of its continual bearing, maturing just after the Telephone and continues growing and branching until cut by frost; thus by planting at one time Excelsior, American Wonder, Telephone and Perpetual, you have green peas the whole season, from June to October. I was the first to introduce this from England in 1884; on my trial grounds it proved distinct and superior to the Everbearing. It requires no bushing, growing about 24 inches high, of a branching habit; seed wrinkled; foliage attractive; very desirable for family use. On account of its branching habit, thin to 12 inches and sow in rows 21-2 feet apart. Pkt., 10c.; pt., 20c.; qt., 35c.

**Stratagem.** A pea for everybody; high flavored, and esteemed by all who have tested it; dwarf, hardy and prolific; large, handsome pods, well filled; growing 15 inches high. Pkt., 10c.; qt., 30c.; pk., \$2.00; bu., \$7.75.

**Bliss' Everbearing.** A new variety, of promise as a branching everbearing variety to follow as a late pea. Pkt., 10c.; qt., 30c.

**Yorkshire Hero.** Half dwarf, wrinkled pea, highly valued for the garden; maturing for the table before the Champion; grows 21-2 feet high; pods large. Pkt., 10c.; qt., 25c.; 1-4 bu., \$1.75; bu., \$6.00.

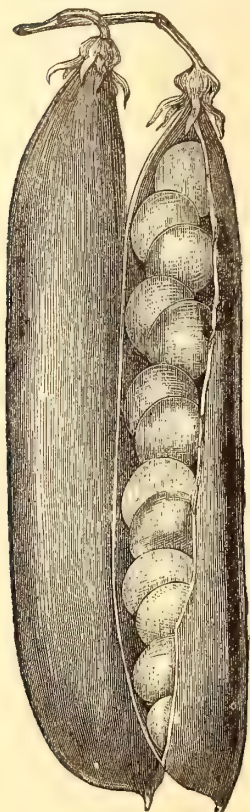
**Champion of England.** An old variety and highly valued. Many of the newer varieties now far surpass it in yield, flavor and growth; 5 feet. Pkt., 10c.; qt., 25c.; pk., \$1.25; bu., \$4.00.

**Dwarf Marrowfat.** More dwarf than Black Eyed Marrowfat; a little earlier; equally as prolific; more desirable on account of its dwarf habit, requiring no bushing. Pkt., 10c.; qt., 20c.; pk., 90c.; bu., \$3.00.

**Black Eyed Marrowfat.** Very extensively grown as a field pea; hardy and productive; 4 ft. Pkt., 7c.; qt., 15c.; 1-4 bu., 65c.; bu., \$2.20.

**Dwarf Sugar.** Edible pods, of good quality shelled; 3 feet. Pkt., 10c.; qt., 50c.

## SECOND EARLY VARIETIES.



TELEPHONE.

strain of Advancer grown; grows 2 1-2 feet high; maturing with Telephone. Pkt., 10c.; qt., 25c.; pk., \$1.65; bu., \$5.50.

**Long Island Mammoth.** A great favorite with market gardeners on Long Island. A green, wrinkled variety; 3 1-2 feet high, producing unusually large crops. Pods and peas very large and well filled, of the best quality; matures a few days later than Advancer. Highly recommended. Pkt. 10c.; qt., 30c.; pk., \$2.00; bu., \$6.75.

**Abundance.** A branching variety, 15 inches high; wrinkled; fit for the table two weeks later than American Wonder. Pkt., 10c.; qt., 30c.; pk., \$2.00.

**Hosford's Market Garden.** (New.) First sent out in 1885. No doubt one of the most prolific Peas grown, second early. Pkt. 10c.; qt., 35c.

**Dwarf Champion of England.** Popular in Long Island with gardeners. It resembles Yorkshire Hero, but has larger peas, and pods are much more prolific and earlier. Do not plant Yorkshire Hero or Old Tall Champion when you can obtain this. Very healthy and vigorous, a great cropper of the richest flavor. Pkt., 10c.; qt., 30c.; pk., \$2.00; bu., \$7.00.

## Telephone.

Like its name one of the most useful varieties; a pea for everybody; maturing just after the Little Gem. I have imported this season, direct from the originators, a good supply of this variety besides a quantity grown from original stock by myself last season. There are inferior varieties of Telephone Peas in the market, and it is advisable to use care in purchasing. The pods grow unusually large, 10 to 12 peas in each, appearing to lay almost double in the pods. Its attractive appearance, superior flavor, class it among the best in market. It grows about 2 to 2 1-2 feet high, and requires no brush for support. Price per qt., 30c.; pk., \$2.25.

## Cleveland's Advancer.

Similar to McLean's Advancer, but of a superior, improved, selected strain, and

known to be the best



SWEET MOUNTAIN PEPPER.

## PEPPER.

Grown largely for pickles. Sow in a hot bed in March or early in April, and transplant in the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows eighteen inches apart. They may also be sown in the open ground when danger of frost is passed and the soil is warm and settled.

**Large Bell, or Blue Nose.** An early variety, of mild flavor; rind thick and fleshy; a favorite sort for pickling. Pkt., 5c.; oz., 30c.

**Sweet Mountain, or Mammoth.** Similar to the preceding in shape and color, but larger and milder; used for making stuffed pickles. Pkt., 5c.; oz., 30c.; 1-4 lb., \$1.00. (See cut.)

**Long Cayenne.** Best for seasoning pickles. Pkt., 5c.; oz., 30c.; 1-4 lb., \$1.00.

**New Golden Dawn.** Bright golden yellow; more productive than any other variety; free from fiery flavor. Pkt., 5c.; oz., 35c.

**Ruby King.** New. Pkt., 10c.; oz., 35c.

## PARSNIP.

Sow as early in spring as the weather will permit, in drills fifteen inches apart, covering half an inch deep. Unlike carrots they are improved by frost, and it is usual to take up in the fall what is wanted for winter use and leave the rest to be dug up as required in spring.

Add 16 cents per pound if sent by mail.

## Long Smooth, or Hollow Crown.

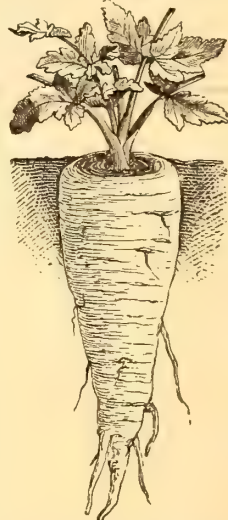
Best for general use. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 60c.

**The Student.** A fine flavored variety. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 60c.

## PUMPKIN.

They are usually planted in fields of corn or potatoes, but may be raised in fields by LONG SMOOTH PARSNIP themselves. Sow the first of May in hills eight feet apart.

**Cheese.** The best variety for cooking purposes.





Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 80c.  
**Connecticut Field.** Very productive and largely grown for feeding stock. Pkt., 5c.; oz., 10c.; 1-4 lb., 15c.; lb., 35c.  
**Mammoth.** Grows to an immense size, often weighing from 100 to 150 pounds. Pkt., 10c.; oz., 30c.  
**Golden Marrow.** A new variety much esteemed for pies. Pkt. 5c.; oz., 10c.; 1-4 lb., 50c.

## RADISH.

For a successive supply sow from the middle of March until July, at intervals of two or three weeks. For an early supply they may be sown in a gentle hot bed in March.

**Long Scarlet Short Top.** The standard variety for market and private gardens. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 60c.

**French Breakfast.** Of quick growth, very mild and tender; one of the best for forcing. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 60c.

**Olive Shaped Scarlet.** Oblong shaped; flesh rose colored, tender and excellent. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 60c.

**Rose China Winter.** Bright rose color; flesh firm and piquant; excellent for winter use. Pkt., 5c.; oz., 15c.; 1-4 lb., 25c.; lb., 75c.



**California Mammoth White.** A giant, white fleshed, fall Radish, of excellent quality. Pkt., 10c.; oz., 15c.

**Early Round Dark Red.** A new variety of much value on account of its short top. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 75c.

**Beckett's Improved Chartier.** (New.) Pkt., 5c.; oz., 10c.

Add 16 cts. per pound if sent by mail.

## POTATO.

It is well known by the best growers that potatoes grown at the north will produce earlier and better tubers than if grown in a southern climate. Most of the varieties following were grown on our Vermont hills, in soil that is well adapted to produce the most healthy tubers, and if my customers want truly northern grown potatoes for seed, they will be sure of getting here that which is pure and true to name.

Add 16 cents per pound if sent by mail.

**Early Albino.** The following cut represents the form of a new potato of much promise. On test with standard varieties with me last season, it gave excellent results being a week



EARLY ALBINO.

earlier than Early Rose, and yielding much better. It originated in northern Vermont. Color white; skin of a rough netted appearance, indicating its good cooking qualities. Of ordinary size. Tested beside others, as to yield, it produced the most with one exception. On my grounds much preferred to Vick's Extra Early. Pound, 50c., by mail, express, 35c.; pk., \$1.25; bu., \$4.50.

**Charles Downing.** At the Ohio Experimental Station last year, tested beside Clark's No. 1, Boston Market and Burbank, it yielded at the rate of 375 bushels per acre; Clark's No. 1, 357; Boston Market, 330; Burbank, 271. It is a long white potato of the finest quality; ripening five days before Clark's No. 1, and promises to become a very popular variety. Price 50c. per lb. by mail; 3 lbs., \$1.00; by express, lb., 35c.; 5 lbs., \$1; pk., \$1.50; bu., \$5.00.

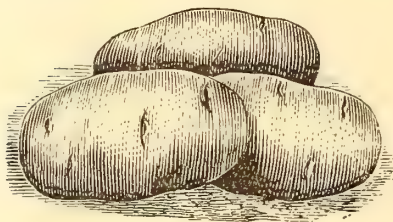
**Early Essex.** A standard early variety in Boston market. Resembles the Early Sunrise, but a stronger grower and better to yield; recommended for extra early field and table. Its cooking and keeping qualities are among the best. Per lb., by express, 20c.; 3 lbs., 50c.; pk., 75c.; bu., \$2.00.



PEARL OF SAVOY.

**Pearl of Savoy.** A cross between Early Vermont and Clark's No. 1. From experiments in New England and Middle States, this variety has proved one of the most remarkable early potatoes, adapted to all soils; yielding at the rate of 700 bushels per acre. Planted here May 30th, in 69 days, three potatoes were taken from one hill, all weighing one pound, cooking excellent. In color it is nearly like Early Rose; eyes not prominent; very uniform in size and shape, no very large or small potatoes. Pound, 15c.; pk., 40c.; bu., \$1.25; bbl., \$3.00.

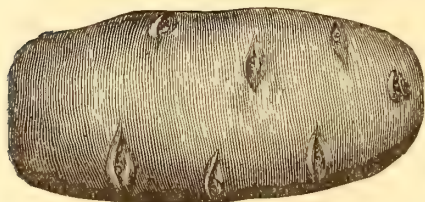
**Early Maine.** A new variety, seedling of Early Rose; its combined earliness, yield and quality are among the very best, and resemble the Early Rose in appearance, yielding from one-fourth to one-half more. Pound, 15c.; pk., 40c.; bu., \$1.40; bbl., \$3.50.



EARLY BEAUTY OF HEBRON.

**E. Beauty of Hebron.** This somewhat resembles the Early Rose in shape; of a lighter red; earlier, and proved side by side one-third more prolific, while its quality is unsurpassed. The best reports are given in its favor from all sections; quoted in our large markets as a leading variety. My seed has been grown in a section in Northern Vermont most adapted to growing healthy tubers, and is very fine. Pound, 15c.; pk., 35c.; bu., \$1.15; bbl., \$3.00.

**Early Ohio.** Remarkable for being adapted to all soils. Shape round oblong; color the same as its parent, Early Rose, and a week earlier, very prolific. Its cooking qualities are among the best. Per lb., 15c.; pk., 40c.; bu., \$1.25.



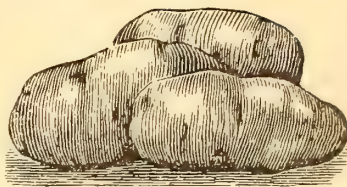
EARLY DURHAM.

**Early Durham.** A variety tested three years in Vermont with Early Rose, Early Vermont, Beauty of Hebron, Clark's No. 1, and others; as to yield and table use it surpasses them all. Rather long, nearly white, and cooks very dry. Pound, 20c.; pk., 50c.; bu., \$1.50; bbl., \$3.50.

**Empire State.** This resembles the Beauty of Hebron in shape, and color, perhaps larger, white and very smooth; shallow, strong eyes; growing very thrifty. Its season is medium, a seedling of the White Elephant. Yields unusually large crops, and one of the best cooking potatoes grown at all seasons. For dry, sandy, or gravelly soil, it is recommended in preference to others on the list. It produced fine, large, smooth potatoes of most excellent quality, when cooked, last year, on very dry soil. My seed is from Northern Vermont. Per lb., 15c.; pk., 40c.; bu., \$1.50; bbl., \$4.00.

**Extra Early Vermont.** One of the best standard very early potatoes, have, yielding one-third more than Early Rose, and about one week earlier; remarkably smooth and fine appearance; similar in color to Early Rose; a favorite wherever tried. Per lb., 15c.; pk., 35c.; bu., \$1.25; bbl., \$3.25.

**Early Rose.** A standard variety for earliness, quality and productiveness. Per lb., 15c.; pk., 35c.; bu., \$1.00; bbl., \$2.75.



WHITE ELEPHANT.

**White Elephant.** Tubers large, long, mealy, white, very productive; of the finest quality, ripening just after Early Rose. In much demand in this section as a field and table potato. This seed was grown in northern Vermont specially for my trade. Per lb., 15c.; pk., 35c.; bu., \$1.25; bbl., \$3.00.

**Clark's No. 1.** Earlier than Early Rose; color a little darker; not quite as long, otherwise fully as large. It cooks very dry and mealy, flavor excellent. Per lb., 15c.; pk., 35c.; bu., \$1.25; bbl., \$3.00.

Add 16 cents per pound if sent by mail.

For the benefit of those who wish to try the above varieties, I will send

	BY EXP'S BY MAIL	
1 pound Early Durham,	.20	.36
1 " Early Maine,	.15	.31
1 " Empire State,	.15	.31
1 " Early Albion,	.35	.50
1 " Chas. Downing,	.35	.50
1 " Early Essex,	.20	.35

**\$1.40**

One pound of each above six varieties by express for \$1.00, or mail for \$1.95, or the following seven varieties, viz.:

	BY EXP'S BY MAIL	
1 pound Pearl of Savoy,	.15	.31
1 " Early Ohio,	.15	.31
1 " Early Vermont,	.15	.31
1 " Early Rose,	.15	.31
1 " Clark's No. 1,	.15	.31
1 " Early Hebron,	.15	.31
1 " White Elephant,	.15	.31

**\$1.05**

The above seven varieties by express cost \$1.05, and will send one pound of each for 75c., or by mail for \$1.85.

The entire collection of 13 varieties, by express:

1 pound of each for,	\$1.50
2 pounds " " 13 varieties,	\$2.25
3 " " " " " "	\$3.00
4 " " " " " "	\$3.60
5 " " " " " "	\$4.00

## SPINACH.

For summer use it may be sown at intervals of two or three weeks from April to August. Spinach is best developed and most tender and succulent when grown in rich soil. Pkt., 6c.; oz., 10c.; except where noted.

Add 16 cents per pound if sent by mail.

**Long Standing.** Remains a long time before running to seed; in other respects similar to Round Leaved. Pkt., 5c.; oz., 10c.; 1-4 lb., 15c.; lb., 40c.

**Round.** The main market sort; quality good for spring or fall sowing. 1-4 lb., 20c.; lb., 35c.



**Prickly.** Stands well in winter, but less prolific bearer. 1-4 lb., 20c.; lb., 40c.

**Improved Thick Leaved.** Produces a large, thick leaf; stands a long time before running to seed. Oz., 10c.; 1-4 lb., 15c.; lb., 40c.

**New Zealand.** Produces leaves throughout the summer; should be raised in heat and transplanted three feet apart each way in a light, rich soil. Pkt., 5c.; oz., 15c.; 1-4 lb., 40c.

**Savoy Leaved.** The most hardy of all varieties. Recommended for fall sowing in September for early spring use. Pkt. 5c.; oz., 10c.; 1-4 lb., 15c.; lb., 50c.

## SEA-KALE.

Cultivated for its blanched shoots, which are cooked as Asparagus. Pkt., 10c.; oz., 30c.; 1-4 lb., \$1.00; lb., \$3.50.

## SALSIFY, or OYSTER PLANTS.

Sow early in spring, in drills fifteen inches apart; cover the seeds an inch and a half in depth, and when the plants are strong enough, thin out to six inches apart. Pkt., 5c.; oz., 15c.; 1-4 lb., 35c.; lb., \$1.25.



BUSH SUMMER CROOK NECK.

Light soils are best suited for their growth. Prepare hills for seed in the ordinary manner, by mixing two or three shovelfuls of well rotted manure with the soil for each hill. For the bush varieties from three to four feet each way, and for the running sorts from six to eight feet. After they have attained their rough leaves, thin out to three or four of the strongest plants.

Add 16 cents per pound if sent by mail.

**Bush Summer Crook Neck.** Early, productive, and of good quality; color orange yellow. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 75c.

**Yellow Bush Scallop.** A very early variety; excellent. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 75c.



ESSEX HYBRID.

## SQUASH.

Light soils are best suited for their growth. Prepare hills for seed in the ordinary manner, by mixing two or three shovelfuls of well rotted manure with the soil for each hill. For the bush varieties from three to four feet each way, and for the running sorts from six to eight feet. After they have attained their rough leaves, thin out to three or four of the strongest plants.

**Essex Hybrid.** This is one of the richest flavored, finest grained, sweetest, most productive and best keeping Squashes. Being very early it may be planted as a second crop after early peas, potatoes, or cabbages, in June or early July; hard shell and excellent keeper. Pkt., 10c.; oz., 15c.; 1-4 lb., 30c.; lb., \$1.00.

**Boston Marrow.** A much esteemed variety, coming in about 10 days later than the bush and crook neck sorts: a good keeper and of unsurpassed flavor. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 90c.

**Winter Crook Neck.** Flesh close grained, sweet and good flavored. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 80c.

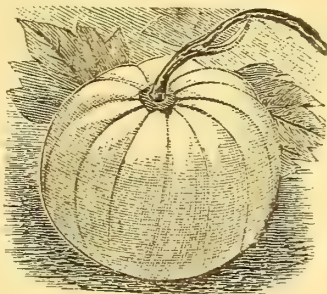


HUBBARD SQUASH.

**Hubbard.** A general favorite, and more largely grown as a late sort than any other; of large size; flesh fine grained, dry, and of excellent flavor. Pkt., 5c.; oz., 15c.; 1-4 lb., 25c.; lb., \$1.00.

**Marblehead.** A good winter squash, resembling the Hubbard and equally as good. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 85c.

**Mammoth Chili.** Grows to a large size, often weighing over 200 pounds; excellent for feeding stock. Pkt., 10c.; oz., 35c.



PERFECT GEM SQUASH.

**Perfect Gem.** Habit and growth like the Coconut, yielding two dozen squashes on one vine. They are about six inches in diameter, straw color, thin skin, flesh dry and very fine grained; ripens with Hubbard and keeps well in winter. Pkt., 5c.; oz., 15c.; 1-4 lb., 40c.; lb., \$1.50.

**American Turban.** Flesh orange yellow, thick, fine grained and well flavored. Pkt., 5c.; oz., 10c.; 1-4 lb., 40c.; lb., \$1.00.

**Yokohama.** Thick, very dry, sweet and excellent, maturing earlier than the Hubbard, but not as desirable for winter. Pkt., 10c.; oz., 30c.

**Pineapple.** New. (See cut in Novelties.) Pkt., 10c.; oz., 20c.

**Bay State.** New. (See Novelties.) Pkt., 15c.; oz., 30c.; 1-4 lb., 75c.; lb., \$3.00.

## TURNIP.

It is one of the most wholesome roots for feeding stock, and is extensively grown in market gardens. In England it is one of the staple products of the farm. For early use sow as soon as the ground can be worked in the spring, in drills 15 inches apart, and thin to 4 or 5 inches in a row. New sod ground is the best. Where old ground is used, good top dressing of wood ashes is the surest method of obtaining good smooth roots. Unless so treated they are most sure to grow wormy if grown in old garden soil. If sown broadcast, from three to four pounds of seed is required, and in drills from one to two pounds. The latter is the usual method of sowing. Bone dust, superphosphate, plaster, salt, ashes, or a mixture, is much better to be sown broadcast before drills are made. Sprinkle plaster, lime or ashes on your young plants when insects are troublesome.

For fall crop sow from the middle of July to the middle of August. Pkt., 5c., except where noted.

Add sixteen cents per pound if sent by mail.

## EARLY VARIETIES.

**Yellow Finland.** A small early variety; flesh bright yellow. Oz., 10c.; 1-4 lb., 20c.; lb., 60c.

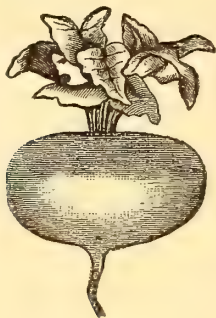
**Yellow Globe.** One of the best American varieties for a general crop. Oz., 10c.; 1-4 lb., 20c.; lb., 60c.

**Yellow Aberdeen.** Very hard and productive; a good keeper; globe shape; color pale yellow with purple top. Oz., 10c.; 1-4 lb., 20c.; lb., 60c.

**Purple Top White Globe.** An early variety; globe shape; in other respects similar to the Red Top Strap Leaf. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 50c.

**Early Flat Dutch.** An excellent garden variety, resembling White Strap Leaf; for spring or fall sowing. 1-4 lb., 20c.; lb., 50c.

**Extra Early Munich.** This occupies a place among turnips that the Eclipse beet does in its class, being ten days to two weeks earlier than the purple Top Strap Leaf; flesh white, good size, excellent flavor. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 65c.



EARLIEST RED TOP.

**Earliest Red Top Strap Leaf.** One of the very earliest varieties; shape between flat and round; white flesh. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 50c.

**Long White or Cow Horn.** Matures quickly; roots shaped like a carrot, about half of which is firm above ground. 1-4 lb., 20c.; lb., 60c.

**White Egg.** A quick growing flat turnip, and often used as an early summer turnip for market; nearly round like a ball; flesh firm, fine grained; skin very smooth and thin, of a snowy whiteness;

a mild, sweet, table turnip, and attractive in market. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 60c.

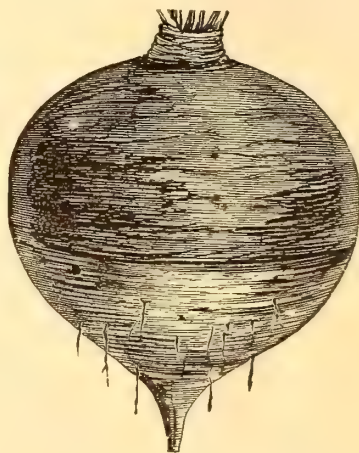
## TURNIP, (Ruta Baga.)

The Ruta Baga, Swedish or Russian Turnip, known to many under the name of "French Turnip," forms a distinct class. The bulbs are close grained, very hard, and will endure a considerable degree of cold without injury. They keep well, stored in a cellar the whole winter, but are not in perfection for the table till toward spring. Extensively grown as a farm crop. The Swedes at the north should be sown from the 10th of June till the 1st of July, in drills from two to three feet apart, and thinned from ten to twelve inches apart, or they may be sown in a seed bed and afterwards transplanted. It is necessary that the ground should be dry and made very rich.

**Improved American.** This variety is largely grown in this country by many of the most prominent agriculturists, both for the table and for feeding stock; flesh very solid, yellow, of fine quality and keeps well until summer. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 45c.

**SWEET GERMAN.** In good soils and favorable seasons is comparatively smooth and regular, and under opposite conditions often uneven; neck two or three inches long; greenish brown above ground, white beneath; flesh pure white, solid; very sweet, mild and well flavored; retains its firmness till spring; as a table variety it must be classed among the first. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 50c.

**Carter's Improved.** Has obtained many first-class prizes at various exhibitions in England. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 50c.



SKIRVING'S PURPLE TOP.

**SKIRVING'S PURPLE TOP.** An improved purple topped variety of very strong growth; large size. By its quick vegetation it generally escapes the ravages of the fly; suited to field culture and cattle feeding, and the best of the yellow flesh Ruta Baga. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 50c.

**Laing's Improved.** Of excellent quality; purple above and yellow underground; almost perfect globe shape when well grown, with a small top and tap root; yellow flesh. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 50c.

**Champion Purple Top.** Hardy; heavy cropper, yielding from 40 to 50 tons per acre; favorite English variety. Oz., 10c.; 1-4 lb., 20c.; lb., 50c.





BEAUTY.

## TOMATO.

The seed should be sown in a hot bed or boxes in the house, in March or April, in drills five inches apart and half an inch deep. When three inches high transplant to another hot bed two or three inches apart. About the middle of May the plants may be set in the open ground in light, sandy soil, at a distance of three feet apart, in hills, in which a shovelful of well-rotted manure has been mixed, if not already manured.

**Beauty.** The best early variety in the list for family or market. Good size, very solid, smooth, and few seed; bearing till killed by frost. A superior strain of my own saving from earliest and smoothest selections only. Pkt., 10c.; oz., 35c.; 1-4 lb., \$1.25.

**Acme.** One of the best early varieties, of good size, smooth and solid. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.; lb., \$2.25.

**Favorite.** A large, perfect shaped, very smooth variety; dark red; ripens evenly and very early, holding its size to the end of the season; solid, few seeds. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.; lb., \$2.25.

**Cardinal.** A very handsome variety, noted for its round, smooth form; few seeds; ripens uniformly; of a cardinal color; commences to ripen just after Acme. Pkt., 10c.; oz., 25c.; 1-4 lb., 75c.

**Essex Hybrid.** This variety is receiving much praise wherever tried; smooth, solid, fine color; splendid for market or home use. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.

**Paragon.** Good size, perfectly smooth, very solid and productive; bright, glossy crimson. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.

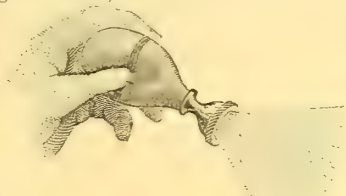
**Perfection.** Almost round in shape, smooth and

solid, larger in size than Acme, and a little smaller than the Paragon; quality very best and enormously productive, bearing all through the season until frost. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.

**Trophy.** One of the finest tomatoes. It holds the highest rank for flavor, size and smoothness. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.; lb., \$2.75.

**Yellow Plum.** A beautiful variety, used principally for pickling and preserving. Pkt., 10c.; oz., 30c.

**Strawberry.** Valuable for preserves and keeps a long time. Pkt., 10c.



## OXEYE SPRINKLER.

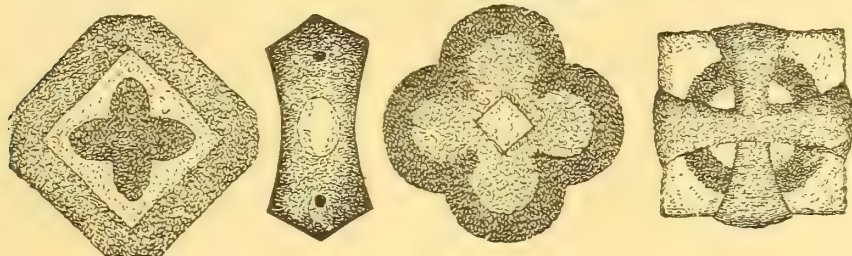
This helps wonderfully in successfully growing plants in the house, throwing a fine spray upon the leaves, keeping them in a clean and thrifty condition in winter. For bouquets, floral designs, spraying sick rooms and sprinkling clothes, it is one of the most useful and valuable articles for the house. Price 55 cents each by mail.



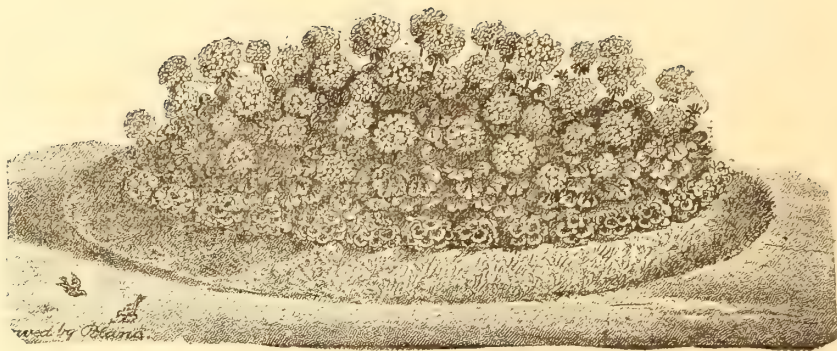
**SLUG SHOT.** Equals Paris Green where used liberally, without the danger from poison. Kills bugs and worms of all kinds, and is particularly recommended for potato bugs. It comes ready to be applied with gun, bellows or duster. Price, 5 lb. package, 30c.; 10 lb., 55c.



Price 25c.; by mail, 30c.



FLOWER BED DESIGNS.



BED OF GERANIUMS.—See page 64 and 65.

# GREENHOUSE AND BEDDING PLANT

## DEPARTMENT.

### GENERAL COLLECTION.

#### ABUTILON.

Sometimes called "Flowering Maple." A hard wooded shrub for the green house or bedding out in summer. The flowers are bell-shape and drooping, ranging in colors of white, crimson, yellow and scarlet; blooming continually the whole year. Are healthy, clean, and free growing. Price, small plants, 10c.; large plants, 20c.; except where noted.

**Thompsonii.** Variegated foliage; leaf bright green, mottled yellow.

**Boule de Neige.** White; a free bloomer.

**Fraseri.** Dazzling crimson; large and fine.

**Darwinii.** Orange scarlet; fine.

**John Hopkins.** Bright canary yellow; large.

**Mesopotamicum.** Variegated, drooping habit, flowers orange scarlet; foliage variegated.

**Thompsonii Plena.** (New double.) Rich, deep orange shaded crimson; each 15 and 25 cents.

#### ACHYRANTHES.

Bright-leaved plants, admirably adapted for ribbon beds and massing, holding their bright tints until destroyed by frost. 10 cents each; \$1.00 per dozen.

**Aurea Reticulata.** Green leaves marked with yellow.

**Gilsonii.** Leaves carmine; stems pink.

**Lendenii.** Deep blood-red, changing to crimson.

**Emersonii.** Larger and lighter shade than Lendenii.

#### AGAVE or VARIEGATED CENTURY PLANT.

They are excellent for vase plants, and when large make striking ornaments for a lawn. They can be wintered over in a cellar or under the stage of the green house; keep them a little dry. Small plants 25 cents each; large size 35, 50 and 75 cents.

#### AGERATUM.

Old garden favorites, blooming continually through the summer months; of the easiest culture. Small plants, 10c.; \$1.00 per dozen; large plants, 20c. each.

**Blanche.** Pure white; a continual bloomer in summer and winter.

**John Douglass.** Very dwarf, compact, blue flowers.

**Tom Thumb, White.** Six inches high; flowers bluish white.

" " **Blue.** Flowers beautiful porcelain blue.

**Mexicanum.** Fifteen inches; flowers light blue.

" " **Variegated.** Leaves green and white; flowers blue; a fine bloomer.

#### ALTERNANTHERA.

Plants with beautiful variegated foliage, growing about 12 inches in diameter and three inches in height, used principally for ribbon lines, borders, etc.; the leaves are tinted, bordered, blotched, margined, and variegated in almost every conceivable form, with the brightest colors; bright carmine and crimson tints prevailing. 10 cents each; \$1.00 per dozen; small size for bedding, \$6.00 per hundred.

**Amena.** Leaves yellow, brown and rose.

**Latifolia.** Broad, autumn-tinted leaves.

**Magnifica.** Large yellow, scarlet and green.

**Parychoides.** Leaves green, crimson and straw color.

**Spathulata.** Carmine and green.

**Aurea Nana.** New golden yellow; fine for bedding.

**Versicolor.** Leaves rose and crimson.

**Parychoides Major.** Crimson, scarlet and pink.

#### ALYSSUM, (Sweet.)

A continual bloomer for the house or out of doors, both winter and summer. The double varieties



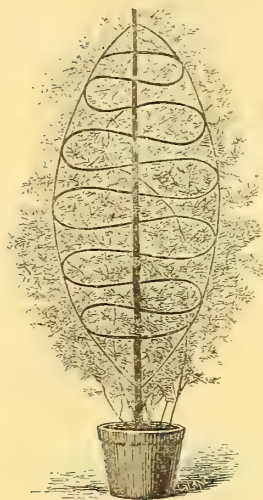
are prized for their flowers, produced as freely as the single.

**Double Variegated.** Foliage marked with white and green; valuable for baskets, vases, etc. Price 10 cents each; \$1.00 per dozen.

**Double White.** Similar to the common variety; flowers double, make it more valuable for cut flowers. 1<sup>st</sup> cents each; \$1.00 per dozen.

**Variegated.** Extensively used for ribbon lines, and massing, giving a fine contrast with the foliage; valuable for baskets, blooming freely in winter. Price 10 cents each; \$1.00 per dozen; \$6.00 per hundred.

## ASPARAGUS TENUISSIMUS.



A valuable plant for green, used in place of Smilax; equal to the most delicate ferns, and remains after cut a long time before wilting. It can be grown to climb like Smilax or on a trellis. Price, 25 cents each; small plants, 15c.; \$1.50 per dozen.

## AZALEA.

My collection comprises a list of the best old and new varieties. No plant is better adapted for the greenhouse or parlor; giving profusion of bloom during the winter and spring months. Blooming plants 25 cents each; large plants, 35, 50, 75c., and \$1 each.



AZALEA.

The following are selected as among the best for all purposes.

### Single.

**Alba.** Large pure white.

**Blanchard.** Medium size, pure white.

**Punctulata.** Creamy white, striped and spotted red.

**Jean Vervane.** Rosy pink, blotched crimson.

**John G. Veitch.** Rosy lilac, beautifully veined.

**Daphne.** Large, white striped, pink frilled.

**La Victorie.** Light orange red, spotted crimson.

**Mdm. Cassain.** White spotted, striped carmine.

**Flora.** White, delicate striped.

### Double.

**Borsig.** Fine double white; a good forcing variety.

**Mdm. I. Lefebore.** Dark orange red; double.

**Son de Prince Albert.** White and rose; large and broad; double.

**Pauline Mardner.** Light rose, good form and distinct; double.

**Bern Andre.** Violet crimson; large and showy.

**Flag of Truce.** Double white; medium size flower.

**Emperor of Brazil.** Deep orange, bordered white.

**Frederick the Great.** Deep crimson, blotched maroon.

**Helen Thelman.** Bright rose.

## AMPELOPSIS VEITCHII.

Known as **Japan** or **Boston Ivy**. Price, 20 cents each; 6 for \$1.00; 12 for \$2.00.

See illustration and climbing plants, page 85, Hardy Climbing Plants. See also index.

## ANEMONE.

**Anemone Japonica.** White, hardy herbaceous plants, blooming from September to November; one of the last flowers to bloom in the garden in autumn. Good for cemetery purpose, or cut flowers. Entirely hardy in winter in open ground. Price, 20 cents each; \$2.00 per dozen.



DOUBLE BOUVARDIA.

## BOUVARDIA.

For winter blooming their equal cannot be found. They bloom in August and continue until cold weather; if lifted before frost, will bloom until March. 20 cents each; \$2.00 per dozen; small plants, 10 cents each; \$1.00 per dozen.

**Elegans.** Bright carmine.  
**Hendersontii.** Pure white; trusses large.  
**Hogarth.** Large, rich crimson.  
**Leiantha.** Dark, dazzling scarlet.  
**Lady Hyslop.** Light rose color.  
**Rosea Multiflora.** Fine rose.  
**Vulcan.** Single scarlet.  
**Double White, Alfred Neuner.** Large double white flowers, composed of three perfect rows of petals of the purest wax white; the trusses are large and perfect, producing freely on the side shoots. A strong, healthy, vigorous grower; very valuable for all bouquet makers, blooming as freely as the single.  
**Double Pink, President Garfield.** Similar to Double White in every respect except color, which is a fine delicate rose.

## AMARYLLIS, (Johnsonii.)



VITTATA.

Bulbs with large, drooping, bell-shaped, lily-like flowers, varying in color from the richest crimson to pure white striped with crimson or scarlet. Are of easy culture, and a very little management will secure a succession of bloom throughout the year.

**Antamasco.** Pink and white, changeable. 25 cents each.  
**Formosissima.** (Jacobean Lily.)

**Velvety crimson.** 25 cents.

**Bella Donna.** (Bella Donna Lily.) White, flushed with rosy purple. 35 cents.

**Longiflora, Alba and Rosea.** Fine. 50 cts.

**Johnsonii or Vittata.** Hybrids, red ground, striped with white; extra fine. 50 cents. (See cut.)

**Vallota Purpurea.** A beautiful and desirable plant, having large, scarlet, lily-like flowers, produced in clusters which remain a long time in perfection. Large bulbs of this, if kept growing, will flower twice in the year. As easily cultivated as the Calla. Price 25 cents each.

**Treatiae, (Zephyranthes.)** Sometimes known as the Fairy Lily, a native of Florida; bulbs small; flowers white, on stalks 8 to 10 inches high; can be grown in small pots. 10c. each; \$1 per dozen.

**Treatiae.** Same as above, except color, which is a fine bright pink. 15c. each; \$1.50 per dozen.

**Vittata Gravina.** Brilliant scarlet. New. 40c.



TUBEROUS ROOTED BEGONIA.

## BEGONIA, (Tuberous Rooted.)

Praised for summer and autumn decoration of green-houses and conservatories; valued for bouquets and cut flowers; produce in profusion magnificent flowers of large size with great variety of colors, comprising all the different shades of red, carmine, scarlet, white, yellow, salmon, pink, etc. The tubers rest during the winter, similar to Gloxinias, and can easily be restored into new growth in the spring. This class of Begonias should be better known and more extensively cultivated, and will be eventually. Good bulbs of mixed colors, 25 cents each; \$2.50 per dozen.



BEGONIA REX.

## BEGONIA REX, (Ornamental Leaved.)

The leaves are large, variegated and mingled with a peculiar silvery and metallic gloss. Are used as pot plants or in warden cases, ferneries, hanging baskets and stands. I have a large stock and fine variety of this beautiful foliage plant, and can furnish florists at lowest rates in quantities comprising 6 to 8 best varieties. Price 20c. each; \$2 per dozen.

## BEGONIA.

Useful greenhouse plants, used for planting out in the garden, or for hanging baskets, or for pot plants in the house, blooming profusely during the summer and winter months. 15 to 25 cents each; \$1.50 and \$2.00 per dozen.

**Alba.** Flowers pure white; free bloomers.

**Argiostigma Veitchii.** Flowers pink, leaves spotted red and white.

**Fuchsioidea Alba.** Flowers pure white; finest winter sort.

**Hybrida Multiflora.** Small ornamental leaves; rosy pink flowers.

**Nitida.** Flowers light flesh color.

**Parnelli.** Leaves spotted silvery white.

**Sandersonii.** Bright scarlet crimson.

**Subpeltata Nigricans.** Large, ornamental leaves; flowers produced very freely.

**Weltoniensis.** Flowers rich shade of pink.

**Alba.** Flowers white.

Will furnish 12 varieties, my choice, strong blooming plants for \$2; 6 for \$1; small size, 12 sorts for \$1; 5 sorts for 50c.

## CARNATIONS, (Monthly.)

For the flower garden in summer, the greenhouse or parlor in winter, the Carnation is unequalled; the varieties with florists are very numerous, and comprise nearly every shade of marking, and most of them exceedingly fragrant. As a winter bloomer for profit or pleasure, the Carnation excels all other plants; the flowers are of such a nature as to stand long exposure either for shipping or when made into bouquets. Its beautiful color, exquisite clove fragrance and abundance of bloom





rate it by all florists and bouquet makers among the first-class flowers, having always a ready demand in market, together with its hardy nature, render it one of the best winter blooming plants for commercial florists, amateur or winter gardens. With some their culture is not successful in the window garden; the cause is by usually keeping them too dry, which encourages the red spider, causing buds to blast for want of proper nourishment and moisture, and often destroy the plant. A remedy is to sprinkle with water two or three times a week, both upper and lower sides of the leaves, and never allow the soil to get dry. They can be as easily grown as geraniums when you once understand their nature. When set in the open ground, cut them well back; they will soon show new growth and bloom during the summer, and when lifted from the open ground will produce flowers for several months in the winter. The following are good winter blooming sorts, which I can supply in quantities, growing them as I do for winter extensively. Price 20 cents each; \$2.00 per dozen. Small size, 12 cents each; \$1.25 per dozen; \$6.00 per 100. Adding 50 cents per 100 when sent by mail. Will send three varieties by mail, *my choice of varieties*, for 30 cents; 6 for 50 cents; 12 for \$1.00. Large plants in 5 and 6 inch pots, 25 and 35 cents each; \$3.00 per dozen.

**Astoria.** Yellow, striped carmine; one of the most popular in color.

**Boule de Neige.** White, deeply fringed; fragrant.

\***Crimson King.** Exceedingly double; of a beautiful velvet crimson maroon.

\***Grace Wilder.** Delicate pink; flowers large, fringed, clove scented; blooms very freely; a most prolific variety of its color.

\***Peerless.** Large, pure white; largely forced as a winter bloomer.

**President Degraw.** Pure white; fragrant and profuse bloomer

\***La Purite.** Rosy pink; profuse; much prized for winter.

\***Miss Joliffe.** A new color—a rich shade of blush; a delicate clove odor.

\***Mons. Gambetta.** Orange and crimson striped.

\***James A. Garfield.** Strong, thifty grower; color very bright, deep scarlet, with large flowers and long stems.

**Philadelphia.** White, striped dark crimson.

**Snowdon.** Very dwarf, pure white. Considered by some Boston florists an excellent winter bloomer. With me Peerless is better.

\***Variegata.** Carmine, striped blush; the best of its color.

**Edward.** Fine white.

**Henzies' White.** Large yellowish white; fringed.

\***Mrs. Garfield.** A strong grower and free bloomer, never bursting. Color, golden yellow, fringed, spotted and flaked with crimson; good size and double, and worthy of trial in all collections!

**Springfield.** One of the best of its color; fine, clear, bright pink; deeply fringed, with strong clove fragrance.

**Scarlet Gem.** A vigorous, early-blooming scarlet.

\***Chester Pride.** A valuable winter bloomer; white, dotted and striped carmine; one of the best variegated varieties.

**Grace Fardon.** Beautiful bright pink.

**Joseph Perkins.** A new shade of delicate pearl pink, fragrant, fringed; one of the best of its color.

**Ferdinand Marigold.** A dark crimson maroon, fringed and fragrant; very large.

The above set of 10 varieties, marked \*, comprise the best and most distinct colors. Price for the 10, \$1.20; large size, \$1.50.

For new Carnations, see Novelties.

## FANCY CARNATIONS.

For choice, scarce, new and rare Carnations, see colored sheet, viz.:

<b>Buttercup.</b> Yellow,	20
<b>Longfellow.</b> Salmon rose,	20
<b>Scarlet Queen.</b> Fine bright Scarlet,	30
<b>Anna Webb.</b>	30
<b>Robert Craig.</b> Scarlet,	40
<b>Pride of Penshurst.</b> New yellow,	75
<b>Sunrise.</b> Yellow and rose,	20
<b>Quaker City.</b> White,	20

For prices see colored sheet, with description.

## SCOTCH PINKS, (Hardy.)

In variety, 15c. each; \$1.50 per dozen; sometimes known as June or Moss pinks; fringed edges, and very strong clove fragrance; colors, white, pink, &c.

## PINK, (Hardy Garden.)

**Snow.** Flowers larger and more double than the old Scotch pink; of the purest white; perfectly hardy and a good forcing pink for early spring. 15c. each; \$1.50 per dozen.

## CACTII.

They are an interesting class on account of their curious growth, the flowers comprising many shades of pink, scarlet, white, yellow, resembling the finest silk.

**Epiphyllum Truncatum, (Lobster Cactus.)** Winter blooming, 25c.

**Grandiflorus, or Night-blooming Cereus.** 25c.

**Aloe.** Green leaves dotted white; 35 and 50c.

**Sword Cactus.** Long, rather broad leaves, with rich scarlet flowers, 25c.

Several other varieties from 25 to 50.

## CALCEOLARIA, (Herbaceous.)

**Hybrida Superba.** An exceedingly fine strain, marbled and spotted in all shades of yellow, ma-

roon, rose, white and crimson. Covered in spring with masses of pocket-like flowers, 25c.

## CALCEOLARIA, (Shrubby.)

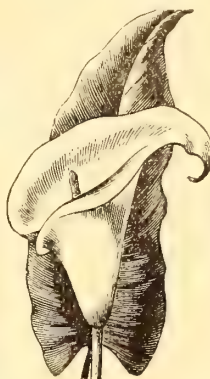
The spotting, shading and marbling of these new strains of the shrubby Calceolarias is now equal to the large flowered. Four varieties, 10 and 20c. each.

## CALLA.

A well known Egyptian Lily. Its large white flowers, which are produced in winter, make it one of the most valuable for winter flowering plants. 20 to 50c. each.

## CALLA RICH- ARDIA AL- BA MACU- LATA.

**Variegata.** Beautifully spotted leaves. It flowers during the summer in pots or planted out in the open border. The flowers are shaped like the Calla and are pure white. It is a deciduous plant, kept dry in winter and started in the spring like a Dahlia. Large bulbs 40c. each; smaller, 25c. each.



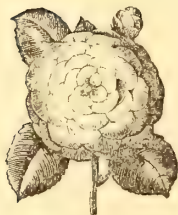
CALLA.

## CANNA.

A very desirable and showy class of plants, with immense and finely variegated foliage, growing to the height of four to six feet, and terminating with fine spikes of yellow, orange, or scarlet flowers. They are unequalled for garden or lawn decorations where large masses or groups are required, giving a tropical appearance. Started in pots, 20c. each; \$2 per dozen. Bulbs, 10c. each; \$1 per dozen.

Six named varieties, dark red, plain green, variegated leaved, etc.

## CAMELLIA JAPONICA.



CAMELLIA.  
each; large plants, 75c. to \$1 each. (See cut.)

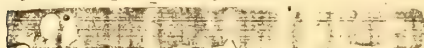
A shrub extensively grown as a house plant, with thick, bright, glossy foliage, producing in the most beautiful and perfect form, white, pink and variegated flowers in winter among the whole class of tender shrubs.

**Alba Plena.** Double white. Small plants by mail or express, 50c. each; large plants, 75c. to \$1 each. **PINK or VARIEGATED,** small plants, 50c.

## CENTAUREA.

Extensively used for bedding out in ribbon lines with coleus and other dark leaved foliage plants, and much used for vases, urns, and hanging baskets.

**Gymnocarpa.** Silvery white, drooping, fern-



like leaves. 15 to 25c. each; \$1.50 to \$2.00 per dozen; \$8.00 and \$12.00 per hundred.

**Candida.** Leaves broad, downy white, forming a neat, compact bush. 25c.; \$2.50 per dozen.

**Centaurea Clementi.** A robust growing variety, forming a round mass of silvery white leaves. 25c.

*Special rates to parties in quantities for bedding.*

## CINERARIA MARITIMA.

White foliage plant, commonly known as "Dusty Miller;" is used for hanging baskets, ribbon lines, massing, etc. 15 to 20c. each.

## CINERARIA HYBRIDA.

The winter or spring flowering species of hybrids, are among the most gorgeous of our plants, colors range through all shades of blue, violet, crimson, pink, maroon, and white; blooming profusely during the winter and spring; much valued as decorating plants. New Hybrid, dwarf, 20c. each; \$2 per dozen.



COLEUS.

## COLEUS.

For specimen plants for the conservatory or arranged in lines for ribbon beds or massing, few plants can equal them. Great improvement has been made in the varieties during the past few years; their foliage now embracing every color imaginable, from pure white to black. The varieties have been selected from large collections as the best and most distinct. Price 15c. each; \$1.50 per dozen; small size, 10c. each; 75c. to \$1.00 per dozen; \$6.00 to \$8.00 per 100 for the best bedding varieties. The best varieties for bedding are printed in capitals.

**GLORY OF AUTUMN.** Yellow ground spot-



ted red and maroon.  
**NERO.** Deep blackish maroon.  
**KIRKPATRICK.** Large leaved, blotched in the center with white.  
**Marvelous.** Deep reddish maroon  
**Mrs. Wm. Barr.** Center bright rose, edged with green and brown.  
**Oriole.** Yellow and green, marked with carmine.  
**PINE APPLE BEAUTY.** Dark, claret crimson, yellow edged.  
**Chameleon.** Crimson, pink and maroon.  
**Spotted Gem.** Yellow ground, regularly blotched with crimson, green and orange.  
**Verschaffeltii.** Rich velvety crimson.  
**Golden Bedder.** Bright golden yellow foliage, which stands the sun well.  
**Nonpareil.** Large foliage, bright crimson center, narrow band of light green in the center.  
**Spring Grove.** Center rich crimson changing to scarlet; bordered with bright green and golden yellow.  
**Sylph.** Edge, yellow; center, marked crimson.  
**Unique.** Deeply cut leaves; yellow center, edged with green; marbled with crimson and maroon.  
**Progress.** A mixture of rose, yellow, carmine and green. Serrated leaves.  
**Atlanta.** Dark maroon, flamed carmine.  
**Emerald.** Green, yellow and carmine.  
**Leaves of Autumn.** Large foliage; crimson, yellow, pink and bronze.  
**Mourning Bride.** Black veined carmine.

*New varieties. See Novelties.*



COBÆA SCANDENS.

## CHRYSANTHEMUM.

For the past four years they have been one of the most popular flowers, being of easy culture, hardy and free growth, not subject to disease. Blooming in autumn when other flowers are scarce, ranging in all shades of red, yellow, white, brown, pink, etc., they are one of the most valuable plants for blooming in the house or conservatory in autumn. The best time to purchase is in the spring, as they are rather large to send a distance in the fall. I mention below some of the best varieties I have tested for contrast of bloom. Price, small plants, 10c. each; \$1.00 per dozen; large plants, 15c. each; \$1.50 per dozen.  
 My choice of 13 varieties small plants named for \$1.

### Large Flowering Japanese, or Fringed.

- \***A. De Kader.** Rich, dark, velvety crimson; beautiful: the finest in the whole class.
- \***La Belle Annie.** Carmine, changing to yellow, quilled.
- \***Mlle. Toulouse.** Light rose, often striped white, petals drooping to represent half a ball.
- Ceres.** Beautiful bluish white, representing white fringe, having a soft, feathery appearance.
- \***Mrs. Barnes.** Deep yellow, blooms very late; very large flowers; keeps in bloom till after holidays.
- Mrs. A. Hallock.** White, finely fringed.
- Mrs. Blanchard.** Beautiful rose.
- King of Primroses.** Beautiful yellow; semi-double.
- Julius Straff.** Magenta.
- \***Glorisum.** One of the best yellow, free and profuse.
- \***Elane.** Pure white; one of the best.
- Lady Selborne.** Early, large flowering; of snowy whiteness.
- President Cleveland.** Pink, changing to white; very large; early to bloom.
- James Y. Markland.** Pure white, wavy, resembling plumes: reflexed curled petals.
- Annie Thorpe.** Opening bluish, afterwards forming round balls of a pure white; very fine.
- Compte de Germany.** Rich orange brown; broad petals; very conspicuous.
- Mrs. R. Brett.** A distinct variety of plume like flowers, of rich coloring.
- Golden Rayomante.** Rich yellow; early flowering.
- Chary.** Large twisted curled petals of dark orange.
- Wenonah.** Pure white laced with pink, large, double; it is sometimes called Blushing Beauty.
- Mrs. J. B. Wilson.** Large late; ivory white;



## COBÆA SCANDENS.

One of the best climbing plants, being of remarkably rapid growth, producing abundantly large bell-shaped flowers in great profusion. As a summer climbing plant for trellis or veranda, or to train in green house or conservatory in winter, it ranks first. Price, 20 cents each.

free; lasting a long time; valuable.

## Large Flowering Chinese Chrysanthemum.

\***Baron Buest.** Inside petals yellow, outside carmine rose, changing to dark carmine; petals recurved as full and double as a dahlia.

**Mr. Brownless.** Carmine and yellow; beautiful, erect grower, large and very double to the center; one of the finest.

\***Mrs. Ward.** A soft light orange; recurved petals as beautiful as a double dahlia.

**Mrs. Rundell.** Large, fine white.

**Mdm. Gonderaux.** Fine white, very double quilled center.

**Felicity.** Pure white; erect, free and double.

**General Slade.** Inside petals yellow, outside carmine rose; recurved petals, very double. Late.

**Golden Beverly.** Sulphur yellow; the finest of its class, free.

**Empress of India.** Large; pure white.

**Prince of Wales.** Deep, dark rose; recurved petals.

\***Diana.** One of the best white for all purposes; recurved petals.

\***Duchesse.** Deep red, tipped yellow.

**E. M. Allen.** Large flower; regular outline, of globe shape, petals incurved and reflexed; intermediate between Japanese and Chinese; color rich bronze, shaded metallic purple. Won \$10 prize at Philadelphia, and merit of certificate at New York. Price, 25c. each.

**Victor Lemoine.** Large fine white; finely fringed.

## Pompon Small Flowering.

\* **Golden Crested.** Deep orange yellow, tipped carmine.

**La France.** White tipped, bluish fringed.

**Model of Perfection.** Bright, deep pink, tipped white; double to nearly resemble a ball.

**Mrs. Aristotle.** Bright yellow.

**Mrs. Campbell.** White with yellow center.

**Princess Meletia.** Fimbriated white.

**Elenore.** Crimson tipped gold.

\* **Snowdrop.** Fine for cutting. White.

**Boule de Neige.** Pure white.

\* **Sir Robert Wallace.** Light rose, fringed petals.

**Fimbriata.** Fine fringed; white; deeply lacinated; rose tint.

*My Japanese and Chinese varieties were personally selected from a large imported and American exhibition collection, among 150 varieties. The best 13 from the entire collection I have marked with a star, and will forward to one address for \$1.50, by mail or express. A grand opportunity for the cream of Chrysanthemums.*

## CYCLAMEN.

They are well adapted for house culture and give a great many flowers for little care. Place the bulbs in soil, just above the surface, in a four or five inch pot; keep the plants a little cool until leaves are well formed; when flower buds appear, give it a sunny window, where it will show flowers. My strain of Cyclamen is among the very finest; remarkable for large size, form and brilliant colors; they are fine ornamental leaves, mottled with



CYCLAMEN.

light and dark green; producing flowers during the winter in great profusion. Many improvements are yearly appearing in this class. Price, 25 cents each.

- |                                 |  |
|---------------------------------|--|
| <b>Cyclamen Persicum Album.</b> | White.   |
| " "                             | <b>Rubrum.</b> Rose.   |
| " "                             | <b>Emperor William.</b>  |
| " "                             | Dark crimson; fine.  |
| " "                             | <b>Mt. Blanc.</b> Pure white.  |
| " "                             | <b>James' Prize.</b> Remarkably large flowers. 30 cents.   |
| " "                             | <b>Gigantium.</b> Flowers much larger than C. Persicum; finer in every respect; of rich, varied colors. 30c. |
| " "                             | <b>Rosy Morn.</b> Bright delicate rose. 35 cents.  |
| " "                             | <b>Atrorubrum.</b> New, dark red. 30c.   |



CALADIUM ESCULENTUM.

## CALADIUM ESCULENTUM.

One of the most beautiful and attractive of the ornamental foliage plants. It will grow in any garden soil, of the easiest culture. When of full size it stands about five feet high; immense leaves, often measuring three feet in length and two in breadth, very smooth, of light green color, beautifully veined and variegated with dark green. 15 to 35 cents each; \$1.75 and \$2.50 per dozen. (See cut.)

## CLEMATIS.

See Hardy Climbing Vines.



## CAMPSIDIUM.



A climber of rapid growth, for greenhouse culture, the leaves of which much resemble the fronds of a fern, giving a graceful appearance, grown as a pot plant or trained to the rafters. 25 cents each. (See cut.)

## DAPHNE ODORATA.

A plant no collection should be without. It is evergreen, growing two to three feet high, bearing clusters of small pinkish white flowers, extremely fragrant. 25 cents each.

## CUPHEA, (Cigar Plant.)

The tube of the flower is scarlet, with the end part white and crimson, having somewhat the appearance of a miniature lighted cigar. 10 to 15 cents.

## DAISY.

**Double White.** The flowers are very double; pure white. An excellent plant for early spring planting, for cemeteries or garden culture, blooming in May and June, mixed or separate colors. 10 cents each; 75c. per dozen.

**Double Rose.** Delicate rose color. 10 cents.

**Double Red.** Deep dark red, quilled fine and double. 10c. each; 75c. per dozen.

## EULALIA JAPONICA VAR.

Leaves striped white and green. Next to the Zebrina the most ornamental of all hardy grasses. The flower spikes of both are valuable for parlor ornaments; will keep for years. 25 to 35 cents each.

## DAHLIA.



Its form cannot be improved, and its colors are beautiful and magnificent. The Dahlia succeeds best in a strong, loamy soil. Plants should be set four feet apart. Only named plants will be furnished. Colors, white, scarlet, crimson, lilac, yellow, maroon, purple and variegated. Parties ordering will please name the color or colors desired. 15 cents each; \$1.50 per dozen. Strong roots, 20c. each; \$2 per dozen.

DAHLIAS.

## ECHEVERIA.

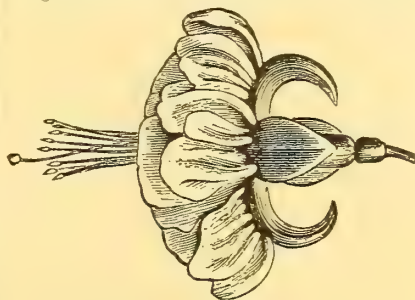
Used for decorative purposes as pot plants, and extensively used for carpet beds. Some of the most beautiful beds America produces are arranged with these plants. No one can form any idea how beautiful and effective such beds can be made with the different varieties of their metallic hues, richly contrasting with the Alternanthera. They thrive best if planted in a dry situation, growing where most other plants would fail. 15 and 25 cents each; \$1.50 to \$2.00 per dozen; \$8 to \$12 per 100.



ECHEVERIA.

## EUPATORIUM.

Free winter blooming plants, having white flowers, which are largely used for bouquets, funeral flowers, etc. Three varieties, Elegans, Riparum, and Angustifolium. 15 to 20 cents each.



## FUCHSIA.

The Fuchsia is much used for bedding in places partially shaded from the noonday sun, where it thrives luxuriantly. In a collection of house plant it certainly deserves a prominent place, where it is graceful, beautiful form, and delicate coloring are always admired, and is a favorite with all. If you wish to preserve for the winter, place in a 6 or 8 inch pot, plunge in the ground in the spring, two inches below the rim, in a shaded place. Just before frost remove to the house, where it will also bloom freely in winter. Price, 20 cents each; \$2 per dozen; second size, 15c. each; \$1.50 per dozen, except where noted. Small size, \$1.00 per dozen.

### Double Varieties.

**Emperor of Brazil.** Corolla violet, flaked with rose, sepals crimson.

**Elm City.** Double, dark purple striped with scarlet, sepals scarlet crimson.

**Day Dream.** Corolla maroon, sepals crimson.

**Jean D'Arc.** Dwarf and branching; vigorous; covered with large double flowers; bright scarlet sepals; corolla pure white.

**Mdm. J. Chretien.** Enormous flowers; sepals and tube carmine; spreading corolla; pure white, veined with carmine; very double.

**Depute Burlet.** Flowers large and very double; corolla violet with metallic shadings; tube and sepals bright red.

**Joseph Bozain.** Large scarlet tubes and sepals; corolla double, violet blue, striped with carmine scarlet.

**Miss Lucy Finnis.** Corolla double white, tube and sepals carmine.

**Snow White.** Double white.

**Champion.** Purple and carmine.

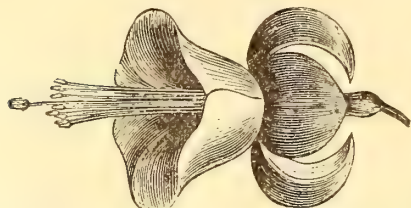
**Black Prince.** Tube and sepals carmine; corolla

blackish purple.

**Storm King.** (See Novelties.)

**Phenomenal.** Very large violet corolla with carmine sepals.

#### Single Varieties.



**Gracieux.** Flowers large and single; tube and sepals light red; corolla lavender blue; habit dwarf and compact; early and free flowering.

**Mrs. Marshall.** Corolla white, sepals carmine; early and abundant bloomer; one of the very best.

**New Mastodonte.** Globular singular flowers; tube and sepals deep crimson, with a rich, violet colored corolla of immense size.

**Pasquie.** Strong, spreading habit; sepals light red; corolla rosy purple; very fine.

**President McMahon.** Corolla purplish bronze; sepals greenish yellow.

**Rose of Castile.** Corolla violet, sepals white; one of the best.

**Speciosa.** Corolla scarlet, sepals blush; the best winter bloomer.

**Sunray.** The best red variegated leaved variety ever sent out.

**Swanley.** Good habit, free bloomer, sepals scarlet, corolla rose.

**Striped Banner.** Sepals carmine, corolla striped purple and scarlet; attractive.

**Try Me O.** One of the best for any purpose; corolla purple, sepals carmine.

**Dictator.** Carmine and purple.

**Chas. Blanc.** White sepals, deep rose corolla, erect grower.

**Falcon de Neige.** Tube and sepals red, corolla white; the best single white.

#### FICUS, (India Rubber Tree.)

**Elastica.** Large, smooth, leathery leaves, six to eight inches long and about three inches broad. A native of India, and in its native home is grown for its gum for the manufacture of rubber; is cultivated as a greenhouse plant, having a rich, tropical appearance. 50 cents each.

#### FERN.

Their gracefulness of foliage makes them much valued as plants for vases, baskets or rock work, or as specimen plants for parlor or conservatory. My collection embraces most of the standard sorts, Adiantums, Asplenium, Pteris, Polypodium, etc. Price 15 to 25 cents each. Six choice Ferns, our selection of varieties, each named, for \$1.00.

#### LYGODIUM SCANDENS, (Japanese Climbing Fern.)

A most graceful climbing plant, growing from one to 15 feet as desired. It is quite as easy of culture as smilax, and is often used for similar uses. Price, 25 cents each.

#### FEVERFEW.

**Little Gem.** A dwarf and continual bloomer of the double feverfew, being constantly in bloom



LITTLE GEM DWARF FEVERFEW.

from May till frost in the fall. The flowers are pure white, very double, and compact habit; 20 inches high, flowering more free than the old variety; no plant with so little care gives such returns for white flowers. Price, 15c. each; 12 for \$1.50; small size 10c.; 12 for \$1.00.

**Common Double White.** Are hardy and bloom continually throughout the summer. 10 to 15 cents each; \$1.00 to \$1.50 per dozen.

**Golden.** Used largely for massing or in ribbon planting and hanging baskets, having no merits as a flowering plant; leaves of a golden yellow color. The flower shoots should be nipped off when they appear. 10 to 15 cents each; \$1.00 to \$1.50 per dozen; \$6.00 to \$8.00 per 100.



GLOXINIA.

#### GLOXINIA.

Are summer blooming bulbs for the house or conservatory; always greatly admired by all, and no lover of plants should be without one or more. They are among our best ornaments, blooming freely from May to September. Their rich, velvety green foliage, graceful, delicate and rare tints of violet, rose, white, crimson and scarlet flowers, have gained for them prominent places



among our very choicest plants. To grow Gloxinias well, give them a rich porous soil, in a warm, moist atmosphere, shaded from the sun. When they are done blooming, dry them off gradually, and keep free from moisture until they begin to grow again in the spring. Avoid having the earth too firm around them, and wetting the leaves sometimes causes them to decay if much exposed to the sun. My collection embraces many hundred fine plants in special colors of the finest French and English seedlings, surpassing really many of the finest named varieties. Price 25c. each; \$2.25 per dozen. Extra strong bulbs, 35c. each.

## SWEET-SCENTED GERANIUMS.

First size, 20c. each; \$2 per dozen. Second size, 10 and 15 cents each; \$1 and \$1.50 per dozen.

*Apple, Lady Plymouth,*  
*Balm, Rose Variegated,*  
*Lemon, Shrubland Pet,*  
*Nutmeg, Skelton Leaved,*  
*Pennyroyal, President Thiers,*  
*Oak Leaved, Mrs. Taylor,*  
*Rose.*

## ZONALE GERANIUMS.

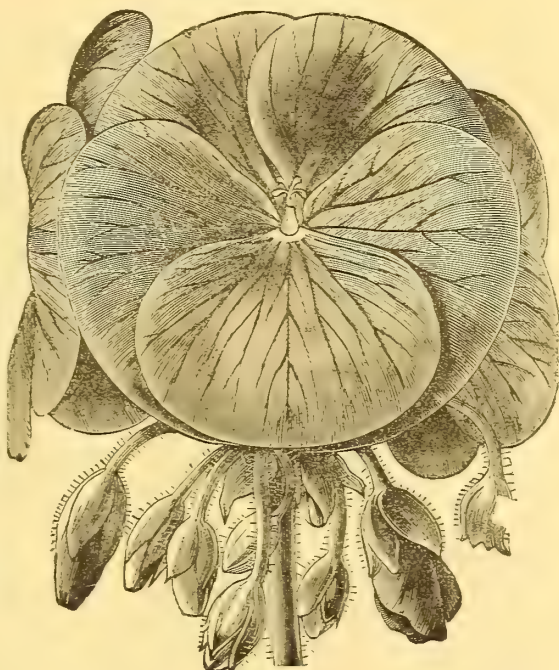
It is truly wonderful to know the great improvement and number of varieties produced, embracing as they do great range of form and color, yearly adding to the number of new varieties, superior in most respects to the older ones. The foliage as well as the flower has been remarkably improved. As a house plant the Geranium is cultivated more than any other plant, and for bedding purposes the number nearly equals the Verbena. A bed of fine Scarlet Geraniums is dazzling to the eye from June till frost; nothing more suitable and attractive on a lawn. If a border of Coleus, Alyssum, Golden Feverfew, Alternanthera, Centaurea, or some other plants, can be added, it is much more attractive, giving beautiful effect. Price 20c. each; strong plants, \$2 per dozen; 2d. size, 15c. each; \$1.50 per dozen; 3d. size, my choice of varieties, \$1.00 per dozen; Bedding Geraniums, \$7 to \$10 per 100.

*My stock of Geraniums will number many thousand plants, and parties wishing them in quantities will be supplied at liberal discount. Write for special prices on larger quantities.*

## GENERAL COLLECTION.

### SINGLE SCARLET GERANIUMS.

**Anna Scott.** Rich deep crimson, shaded maroon, free: a grand bedder; an acquisition in color.  
**Conference.** Enormous trusses of large, purple amaranth flowers, shaded with deep, velvety red.  
**Corigo.** Fine rosy scarlet.  
**Dr. John Denny.** Color a rich purplish magenta, often having a decidedly bluish cast.  
**Distinction.** Leaf encircled near the edge with a very narrow zone of deep black; compact grower.  
**Gen. Grant.** Bright scarlet; fine bedder; \$6 to \$12 per 100.  
**Guinea.** Orange yellow.  
**Herald of Spring.** Orange scarlet; a fine bedder.  
**Jealousy.** A decided orange hue; free bloomer.  
**Jean Sisley.** Most intense vivid scarlet, large white eye.  
**King of Scarlet.** One of the best scarlet varieties for bedding out, throwing up large heads of immense scarlet flowers, and is an abundant bloomer; \$6 to \$12 per 100.  
**Lord Macaulay.** Deep brilliant crimson, white eye, large trusses.  
**Leviathan.** Immense trusses of crimson scarlet shaded vermillion; vigorous, free, and every way first-class.  
**Mr. Parker.** Color a brilliant purple scarlet; a fine flower and free bloomer.



GERANIUM SINGLE.

**Mdm. Recamier.** Large round flower of perfect shape; deep rich crimson; large trusses, remaining long in perfection.

**Pliny.** Rich lake tinted with violet; upper petals marked with rose; exceedingly rich shade.

**Par Excellence.** One of the best Geraniums in our collection; flowers large, good form, trusses enormous; very free bloomer; bright scarlet.

**New Life.** Very profuse blooming as a bedding Geranium, and for house culture in winter is unequalled. Its dazzling scarlet flowers striped with white, render it the most striking and attractive variety.

**Napier.** Vivid scarlet, fine large flower.

**Richard Dean.** Bright scarlet with white eye.

**W. C. Bryant.** Pure scarlet; the largest and finest ever sent out.

**Sir Harry.** A new scarlet bedding variety similar to Gen. Grant.

**Lillian Smith.** Largely used in Boston public garden for bedding; vigorous, compact; free flowering, of a dazzling scarlet.

**Hyler.** (New.) Produces large, dark crimson flowers; good for bedding.

## SALMON AND VARIEGATED SINGLE ZONALE GERANIUMS.

**Bishop Simpson.** Enormous flower truss; color salmon pink, white eye; free blooming.

**Glory de Corbany.** Flowers rich salmon, striped with white.

**Kate T. Patterson.** Immense size and well shaped flowers, measuring two inches in diameter, of a rich orange color.

**Miss Gladstone.** A splendid variety, with clear white flowers, salmon eye.

**Polly King.** Rosy salmon, deep rose center.

**W. K. Harris.** Blush; light salmon center; trusses very large and fine.

**Maria H. Foot.** Very large flowers; fine form; good truss; color, rosy salmon; one of the finest of its color.

The above are excellent varieties for bedding. They are also beautiful for pot culture, flowering throughout the winter, spring and summer. Price same as scarlet varieties.

## WHITE FLOWERING ZONALE SINGLE GERANIUMS.

**Evening Star.** White, with a small pink eye.

**Madame Voucher.** Free flowering and dwarf habit.

**Purity.** Pure white; one of the very best for any purpose.

**White Vesuvius.** The most free blooming white Geranium ever sent out.

**Snow.** The purest white of all the single; new and distinct.

## ROSE COLORED ZONALE SINGLE GERANIUMS.

**Blue Bell.** Purplish pink or mauve (not blue); a fine sort for pot culture or planting out.

**Master Christine.** One of the best bedders, as well as one of the very best for pot culture.

**Newlands Mary.** Large trusses, deep pink; growth dwarf and compact; free bloomer.

**Madame Danelle.** Large and perfectly formed; clear, delicate rose.

**King Olga.** The largest single flowering yet introduced. The best of the single pink varieties.

Price same as scarlet. Thirteen of the best and most free blooming varieties for pot culture or bedding purposes, my selection, from the above lists \$2.00 prepaid by mail, or by express paid by the purchaser, \$1.75. Strong plants.

*Best bedding varieties \$8 to \$10 per 100, according to size. For new varieties, see Novelties.*

## GENERAL COLLECTION.



## DOUBLE ZONALE GERANIUMS.

The double Zonale Geraniums, during the past few years have been very much improved, equally adapted for bedding, blooming as freely as the single, while their flowers remain much longer, not destroyed by the rains, being highly prized as cut flowers by florist and bouquet makers; nearly equal to pinks.

Price 20 cents each, \$2.00 per dozen; second size, 15c. each, \$1.50 per dozen; third size, my choice of varieties, 10c. each, \$1.00 per dozen; \$7.00 to \$10.00 per 100.

**Anna Hoste.** Deep maroon scarlet; the darkest, largest, and one of the very best in every way.

**Amelia Baltet.** The finest double white Geranium in cultivation.

**Bishop Wood.** Red amaranth; beautiful; for pot culture or bedding few equal it.

**Candidissima Plena.** Large, full, snowy white.

**Cheerfulness.** Flesh pluk, shaded and mottled rose. Flowers large, truss good size, good habit.

**Ed. Andre.** Large trusses; rose shaded violet.

**Ernest Lauth.** As a bedder it is unsurpassed. Color a deep violet; flowers are large and trusses enormous.

**Henry Cannell.** Intense, deep scarlet, and florets measuring two inches in diameter; compact, remarkably free growth, with a very dark zone.

**Jules Simon.** Flowers clear, delicate rose; plant very dwarf and free bloomer.

**La Cygne.** Flowers large and perfect; of a fine snowy white; large trusses; an abundant bloomer.

**Mrs. Chas. Pease.** Dwarf habit, forming compact growth; with trusses of double flowers of exquisite deep pink.



**Mdm. Thibaut.** Flowers perfect form, a beautiful pink; best bedder; excellent.

**President Garfield.** Beautiful clear pink; flowers and trusses very large; one of the finest.

**President Leon Simonds.** Flowers of perfect form, bright, clear red, flamed with salmon.

**Mrs. E. G. Hill.** Blush; trusses of great size, and keeping perfect shape for a long time; habit free and robust.

**Minister Constans.** Orange shaded salmon; finely shaped, large trusses, of fine habit.

**Peter Henderson.** Bright orange scarlet.

**Richard Brett.** Of peculiar orange scarlet; very double.

**Pocahontas.** An improvement on Mdm. Thibaut.

**Robert George.** Deep crimson scarlet, of great size; a remarkably free bloomer.

**The Blonde.** Salmon, deeply shaded orange, distinct margin of white around each; of the finest shape; trusses of great size.

**Remarkable.** A much improved E. Lauth, with better shaped flowers of a deeper shade; trusses very large and as freely produced.

**Wm. Hamilton.** Color deep rich crimson, with maroon shading; flowers large and well shaped; trusses immense; habit free and robust.

**Represent Bandin.** Deep velvety crimson flowers, good truss, free grower and distinct.

**Satisfaction.** Perfect habit; large flower; carmine crimson color, differing from any other color.

**B. K. Bliss.** Very large flowers; two inches in diameter; of a vivid, rich, pure scarlet, of good shape and large truss; the largest truss and finest colored yet sent out.

**George Thorpe.** Unequaled as a bedding geranium. Its trusses are immense size; habit branching; color of an intense light crimson.

**Hoff Beach.** Good robust habit; flowers of good size, of a rich amaranth purple; free; truss large.

**Queen of Fairies.** A bicolored variety, of a rich flesh color, mottled white; the largest and most perfect shaped truss yet sent out.

**La Jeannette.** Fine, perfect shaped, pure white variety; quite distinct.

**Crimson Velvet.** Rich, dark, velvety crimson, shaded maroon; intense, brilliant color; growing very compact.

**Longfellow.** Large, perfect shaped flowers, of a soft crimson scarlet; one of the finest scarlet varieties.

**Double Gen. Grant.** A fine bedding variety; very free in growth and habit.

Above collection of 33 varieties for \$4.00. Is as fine a collection, adapted to all purposes, as can be found either for winter blooming or bedding out in summer. *Price same as single varieties.* Bedding varieties, \$8 to \$12 per 100.

## ORNAMENTAL FOLIAGE VARIETIES.

**Mdm. Sollerol.** This new Geranium is an improved bedding variety, distinct from any class. It grows compact, in good form, 6 to 10 inches high; foliage light green with white edges; for massing in ribbon beds or borders, this has no equal in the line of Geraniums; of dwarf, compact, and rapid growth. Price, 20c. each; 6 for \$1.00; 12 for \$1.50; 100 for \$10; small plants, 10c. each; \$1.00 per dozen; \$6.00 per 100.

**Happy Thought.** Leaf white in the center and green outside; flowers magenta; habit dwarf and spreading; very attractive. 20 cents; small size, 15c.

**Freak of Nature.** An improvement on Happy Thought, and very dwarf; its white variegation is most beautiful, one of the best ornamental foliage plants, 20c.; small size, 15c.



MDM. SOLLEROL.

## GOLDEN BRONZE GERANIUMS.



This class of Geraniums are admired for bedding purposes, growing vigorously, succeeding best and assuming their brightest colors during the heat of summer. They are not only attractive in foliage but the beauty and variety of the flowers add additional value to them. 20 cts. each; \$2 per dozen. Second size, 15 cent. each; \$1.50 per dozens. Purchaser's selection, prepaid by mail. Bed-

dling plants, \$8 to \$10 per 100.

**Black Douglass.** Foliage yellow, broad chocolate zone; different from other sorts in having bright pink flowers.

**Black Prince.** Leaves large, with a beautiful dark zone, vigorous and compact habit, producing fine large trusses of scarlet blooms.

**Crystal Gem.** An excellent bedding variety, leaf disk bright green, broadly margined golden yellow.

**Earl Roslyn.** Broad band of rich bronzy red, the old leaves becoming golden yellow.

**Exquisite.** Large chocolate zone with large yellow centre, edges variegated; flowers salmon.

**John Offin.** Leaf has a broad band of chocolate, similar to Marshall McMahon, but a stronger grower and excellent bedder.

**Golden Banner.** A golden leaf without green or the slightest trace of a zone, and if the flowers be removed it forms a mass of pure gold.

**Kentish Hero.** Bright gold leaf and rich bronze zone, being very distinct.

**Marshall McMahon.** Leaves golden yellow marked with a deep, broad, chocolate ring.

**Model.** Flowers bright salmon; finely shaped zone very near the margin of the leaf; a large bright golden disc.

**Prince Blumarck.** Foliage yellowish green, with narrow zone of very deep chocolate; flowers salmon, tipped white; fine.

**Plutus.** First-class every way; yellow leaf, very

high-colored red brown zone, rich salmon colored flowers.

**Richard Thornton.** Center clear yellow, zone brilliant maroon red, flowers salmon, shaded white.

Above set of 13 sorts for \$2.00.

## GOLDEN VARIEGATED GERANIUM

This selection of Geraniums are very popular. Mrs. Pollock is the type of this class, but some of the varieties enumerated excel it in beauty. 25c. each; \$2.50 per dozen.

**Crown Jewel.** Large yellow leaf with narrow bronze ring, finely marked with flame color; good grower.

**Goldfinch.** Yellow, green and bronze leaf; excellent grower, distinct from any of this list.

**Lady Cullum.** Rich crimson bronze zone and brilliant flame colored flowers.

**Louisa Smith.** A vigorous grower with a distinct zone of bright red and black.

**Mrs. Turner.** A quick growing variety, possessing exceedingly vivid colors.

**Mrs. Pollock.** This is a type of Golden Tri-

color Geraniums, and is still a good standard variety; excellent grower, and high colored scarlet, bronze, yellow and green foliage; first-class. (See cut.)

**Sir Robert Napier.** Zone very dark and broad, indented with bright scarlet Van Dyke blotches; salmon colored flowers; 30 cents each.

**Sunset.** A beautiful kind, with very bright colors; of free growth and good habit.

**Sophia Demaresque.** Golden margin, dark zone with scarlet tinge; a free grower.

**John Downie.** Leaf yellow with distinct zone of dark chocolate flamed scarlet. 30 cents.

**Mdm. Darnette.** A new variety similar to Sunset, with distinct zone and brilliant markings. 30 cents.

## SILVER VARIEGATED AND SILVER EDGED GERANIUMS.

Very handsome and useful Geraniums; the Silver Tri-Colors are remarkable for their silvery leaf margins and delicate pink, rose and scarlet zones. 25 cents each; \$2 per dozen, unless noted.

**Albion Cliffs.** Delicate green leaf with a broad margin of the purest white.

**Argus.** Chocolate, white and green.

**Bijou.** Flowers dazzling scarlet; leaves bordered white and yellow.

**Caroline Longfield.** Silver Tri-Color, very beautiful broad white margin with a bright pink zone; an improvement on Italia Unita.

**Castle of Milk.** The white is very pure, covering half the leaf.

**Charming Bride.** Silver Tri-Color, very distinct, having large reflexed leaves and very bright scarlet zone.

**Excellent.** A splendid tri-color, having very high colored carmine scarlet zone.

**Italia Unita.** Silver tri-color; an old favorite;



MRS. POLLOCK.

very high colored zone when well grown. Should be in all collections.

**May Queen.** Silver margin; this has the largest and flattest leaf of any sent out.

**Miss Burdette Coutts.** Silver tri-color; a most beautiful variety, having a creamy white leaf margin and a very bright lake crimson zone; good habit and a free grower.

**Mrs. Laing.** New and attractive, 30

**Mrs. Maxwell.** White, bronze, and scarlet, 30

**Stanstead Beauty.** Silver edged with distinct zone of bronze and rose tint.

**Dolly Varden.** One of the finest of its class. 30 cents.

**Mountain of Snow.** It possesses a vigorous growth, is an abundant bloomer, and for ribbon lines or massing is one of the best. The center of the leaf is bright green, the outer margin broadly marked with silvery white. One of the whitest leaved sorts; flowers bright scarlet. 10, 15 and 20 cents each; \$1.50 to \$2.00 per dozen; \$8 to \$12 per 100.

**Stella.** Green, dark zone, bordered bronze and silvery white.

## IVY-LEAVED GERANIUM.

This class is adapted for hanging baskets and trailing on trellis work, etc., 20c, each; \$2.00 per doz. Second size, 10 and 15 cents each; \$1.00 and \$1.50 per dozen.

**L'Elegante.** The foliage of a bright green with broad bands of creamy white, often margined with pink. Its pure white blossoms are produced in dense clusters. (See cut.)





L'ELEGANTE.

## DOUBLE IVY GERANIUMS.

**A. T. Simmons.** White, flushed with lavender, upper petals marked with purplish black; blooms the whole season.

**Anna Pfitzer.** Extra large flowers; color salmon pink; distinct and fine.

**Faustin Helie.** Large and fine; flowers deep, rosy carmine.

**King Albert.** Beautiful mauve, suffused with violet and very double.

**Lucy Lemoine.** White, tinged with rosy lilac.

**M. Dubus.** Deepest rose pink, same shade as the double zonale variety, Madame Thibaut; a fine and distinct variety.

**Prince of Novelties.** A new and desirable variety; white, blush and dark spots.

**Robert Fortune.** A grand variety, with fine large carmine shaded pink flowers; trusses large and freely produced; habit compact.

**Scepter.** Fine, large, rosy lilac.

**Vista.** Large flowers; very delicate blush pink. Price, 10, 15 and 20 cents each.

## HELIOTROPES.

One of the most fragrant and easily cultivated of all house plants; a single plant will often fill a room with its fragrance.

**Purple Gold.** Foliage yellow, flowers large, purple, giving a fine contrast with the leaves.

**Swanley Giant.** A rosy purple; immense truss.

**Chieftain.** Rich shade of violet; the standard variety for bedding or winter blooming.

**The Standard.** Deep purple.

**Star.** One of the darkest varieties, with an immense truss.

**Etoile de Marseilles.** Very dark purple; large white eye.

**Juliette.** Strong grower; truss very large, color dark violet.

**Snow Wreath.** White; truss large; fragrant.

**Peruvianum.** Nearly white; truss large; first-class every way; strong grower and free bloomer.

**The Queen.** Royal purple; superior to Reo des Noris.

Price, 20 cents each; \$2 per dozen. Small plants, 15 cents each; \$1.50 per dozen. My choice, 12 plants, by mail, \$1.

## HOLLYHOCK, (Double.)



DOUBLE HOLLYHOCK.  
blooming. Six best  
Price 15 to 20c. each.

I offer a fine assortment of this showy plant, seedlings from choice strain, ranging through all shades of yellow, crimson, rose, violet, lilac, etc. 20c. each; \$1.50 and \$2.00 per dozen. Small size 10c.; \$1.00 per dozen.

For Hardy Shrubs, Hardy Roots and Bulbs, and Hardy Climbing Vines, see Index.

## HIBISCUS. (Chinese.)

Are quite popular as bedding plants in many places, and valuable for winter varieties double and single,

## HANGING BASKETS AND VASES.

The following plants are used. See special descriptions. 10 to 25 cents each; 75c., \$1.00, \$1.50 and \$2.00 per dozen.

Alyssum,  
Agave,  
Alternanthera,  
Achyranthes,  
Begonia,  
Centaurea,  
Coleus,  
Cobaea,  
Cuphea,  
Dracæna,  
Feverfew,  
Ferns,  
Geraniums,  
Ice Plant.

Ivy, English,  
Ivy, German,  
Lobelia, etc.  
Mahernia,  
Smilax,  
Trandescantia,  
Oxalis,  
Palm,  
Pilea,  
Petunia,  
Passion flower,  
Sedum,  
Vincas,

## IVY, (German.)

A plant of rapid growth, with dark green, glossy foliage, used for covering walls, arbors, and hanging baskets. Price, 10 to 15 cents each.



ENGLISH IVY.

## HYDRANGEA.

**Variegata.** Green and white leaves, beautifully

variegated. As a house plant, or for bedding purposes in a shaded situation, it is one of the most attractive plants grown. 25c. each.

**Otaska.** Flowers pink, changing to bluish purple. Plants bloom when quite small. 25c. each.

**Hortensis.** The old hardy variety, growing about two feet high, one or two feet in diameter. Flowers same as Otaska.

**Thomas Hogg.** See Hardy Shrubs.

**Paniculata Grandiflora.** See Hardy Shrubs.

### IVY, (English.)

Several varieties, including English, Irish and Scotch. For in door decoration, baskets, etc., the Ivy is unsurpassed. Price, 25 cents to \$1.00 each. Small plants, 10 and 15 cents each; \$1.00 to \$1.50 per dozen. (See cut.)



JASMINUM GRANDIFLORUM.

### JASMINUM GRANDIFLORUM.

(Catalonian Jessamine.)

A winter flowering plant, either for parlor or greenhouse; blooming from October to May. The flowers of pure white; deliciously fragrant. 15 to 25 cents each.

### JESSAMINE, (Cape.)

Highly perfumed, pure white flowers; half hardy, blooming in June. Can be kept cool during the winter. Price, 25, 35, and 50 cents each.

### DAY LILY.

The popular white Day Lily or Funkia; flowers somewhat trumpet shaped; 25 cents each.

### DAY LILY, (Variegated.)

Similar to common Day Lily, but more beautiful, having variegated foliage; very showy. Price, strong plants in pots, 25 cents each.

### LILY OF THE VALLEY.

A plant extensively grown for forcing in winter and early spring, the fragrance of its pure white flower spikes being much prized in the construction of the most valuable bouquets and baskets. It is entirely hardy, preferring a slightly shaded position. Price, large clumps, 25 cents each; \$2 per dozen. Smaller clumps, 15 cents each; \$1.50 per dozen.

### JAPAN LILIES.

Their ease of culture and hardiness are inducements to those unacquainted with their habits to give



GROUP OF LILIES.

them a trial. Millions are sold for bedding and forcing, where but few, comparatively, were sold a few years ago. They thrive best in a light, rich soil, partially in the shade, and remain undisturbed a number of years, frequent removals being injurious by destroying the roots. Once planted they continue to increase in beauty from year to year. They should be planted 6 to 10 inches deep, according to the size of the bulb, and given winter protection by covering 2 inches deep with straw, coarse manure or leaves. They all succeed well grown in pots, Longiflorum, Candidum and Harisii being much forced in winter.



LILIUM AURATUM.



**Lilium Auratum.** The Golden Japan Lily. White, with gold band through center of petals; spotted with crimson. Extra strong California bulbs, my bulbs of this noble lily are very large and fine, 35 cents each; \$3.50 per dozen. Strong flowering bulbs, 25 cents each; \$2.50 per dozen.

**Canadense.** A native with bell-shaped flowers, yellow and red, drooping. 15 cents each.

**Elegans.** Deep maroon; erect grower. 15c.

**Excelsum.** It grows from 5 to 6 feet high, producing 8 to 12 drooping lilies of delicate buff; fragrant and a great favorite. 50c. each.

**\*Lily Harrisii, or Bermuda Easter Lily.** This is the most popular lily now grown; introduced some 5 years ago from Bermuda. It has large, waxy-white, trumpet-shaped flowers of great beauty, with recurved petals. After blooming, it will often throw up a second or third stem of flowers, and is sometimes called Perpetual Blooming. It will produce from 5 to 20 flowers or more on a stalk, and in its native country has been known to produce 145 flowers at one time on a stalk. It is hardy, and can be planted in spring or fall, and should be in all collections of plants. It blooms in July, is easily forced into bloom in winter, having flowers during holidays by starting in pots in August and September; flowers selling for 50c. to \$1.00 each. For Easter, quantities of these flowers are readily sold at 25 to 50c. each. Price, good flowering bulbs, 25c. each; \$2.25 per dozen; \$12.50 per 100. Extra size selected bulbs, 35c. each; \$3.00 per dozen.



LILY HARRISII OR BERMUDA EASTER LILY.

**Humboldt.** The flowers are large, of a golden yellow spotted with purple, attaining the height of five feet. A remarkably fine lily. 50c. each.

**\*Longiflorum.** Large trumpet-shaped flowers, snow white and fragrant, used for forcing. This lily is largely grown, perfectly hardy, and used much as a forcing lily for winter. Makes a fine appearance planted in groups in the garden or lawn; blooming in July in the open ground. Price,

15c. each; \$1.50 per dozen; 25 for \$2.75; \$9 per 100.

**\*Candidum.** Pure white bell-shape, from five to twenty flowers on a stalk, blooming in June; one of the most hardy and useful lilies. This can be planted in spring or fall, but will yield more flowers when planted in August or September. Is largely used for forcing in winter, blooming when forced from January to April if bulbs are potted in August or September. Price, large strong flowering bulbs, 15c. each; \$1.50 per dozen; \$10 per 100.

**Longiflorum, Eximium.** Large flowers, and more vigorous growth than the preceding, but of same shade and color. 25c. each.

**\*Speciosum Album.** One of the best white Japan varieties. 40c. each.

**\*Speciosum Rubrum.** Similar to above, being of a deeper rose, and described; rose spotted crimson. 20c. each.

**Speciosum Roseum.** One of the best Japan varieties of its color, white spotted rose. 20c. each.

**Speciosum Monstrum Album.** Broad, flat stems; color pure white; flowers freely. 30c.

**\*Speciosum Rubrum Monstrum.** Broad, flat stems, flowering more freely than Rubrum, to which color it is similar. 30c. each.

**\*Superbum.** It yields from 20 to 50 flowers in a pyramidal form of yellowish red color, in July. 15c. each.

**\*Tigrinum.** (Tiger Lily.) Orange salmon, spotted black. 15c. each.

**\*Tigrinum, Flora Pleno.** (Double Tiger Lily.) Same as the preceding except in form of flowers, which are double. 30c. each.

**Umbellatum Erectum.** Yellow, with brown and dark orange spots. 15c. each.

**Chalcedonicum.** Flowers bright coral red; petals reflexed, producing from 4 to 15 blooms; do best when bulbs remain undisturbed for several years. 50c. each.

**Tennifolium.** Produces from 3 to 25 flowers of a brilliant vermilion scarlet. It blooms early in June, and can be early forced in the house; plant where well drained; will surely rot if in wet soil. 30c. each.

**Pulchellum.** Handsome and quite rare; flowers upright, of a vermilion scarlet, having a star-like appearance. 40c. each.

(\*) I have marked with (\*) the varieties most hardy and easily cultivated in the common way of hardy garden lilies.

## LEMON VERBENA.

A well-known shrub, indispensable for the delightful fragrance of its leaf. 15 and 20c. each.

## LANTANAS.

Are exceedingly handsome and easy of cultivation; blooming abundantly eight months in the year, and are never attacked by insects.

**Adolph Avis.** Canary, dark center.

**Alba Perfecta.** Pure white, very fine.

**Aurantiacum.**

**Flora.** Orange and pink.

**Flava Lilacina.** Lilac and orange.

**Harket's Perfection.** Foliage variegated with yellow; flowers lilac.

**Monfeck.** Crimson, compact habit.

**Mdm. Carlotte.** Orange red, yellow centre.

**Pluie d'or.** Pure yellow.

**Richmond Gem.**

Price, 10, 15, and 20 cents each.

## LOBELIA.

A very useful plant for hanging baskets or for ribbon beds; flowers of all shades from white to the deepest blue. 10 to 15c. each; \$1 to \$1.50 per dozen.

**MYOSOTIS, (Forget-Me-Not.)**

When in bloom is about nine inches high; it is covered with rich blue flowers, each flower having a white spot in the centre. 10 and 15c. each.

**MADEIRA VINE.**

The Madeira Vine is a beautiful climber, with thick, glossy, light green, almost transparent leaves, and climbing habit. Bulbs, 10c. each; \$1 per dozen.



SMILAX.

**MYRSIPHYLLUM ASPARAGOIDES, (Smilax.)**

There is no climbing plant in cultivation that surpasses this in the graceful beauty of its foliage and its peculiar wavy formation renders it one of the most valuable of all plants for vases or hanging baskets, as it can be made to either climb or droop as required; in cut flowers it is considered indispensable. 20 cents each. Small bulbs, 15c. each; \$1.00 per dozen.

**VARIEGATED ICE PLANT.**

Valuable for baskets or vases, and stands our hot and dry weather admirably. The variegation of the leaves, white and green, is very distinct. 10 to 15 cents each.

**PETUNIAS, (Single.)**

From seed, varying through all the shades of crimson and rose, to purest white, striped, mottled and self-colored; from superb strain of Hybrid Grandiflora. Price, 10 cents each; \$1 per dozen.

**PETUNIAS, (Double.)**

The list below I think will be found to be one of the finest collections yet sent out. They are all very double, beautifully marked, and many of them finely fringed. Price, 20 cents each; \$2 per dozen, except where noted.

**Attraction.** White, rosy carmine and purple, fringed.

**Alice.** Opening purple maroon, changing to carmine purple, fringed.

**Charming.** White, veined with carmine, double, compact and free.



DOUBLE PETUNIA.

**Long street.** Carmine and white, 30  
**Model.** Mottled, marble white, crimson and purple maroon.

**Morning Star.** White and rosy carmine, fringed.

**Monarch.** Dwarf, bushy; very free bloomer; flowers large, crimson and white.

**Ralph.** Fine deep rose crimson.

**Stella.** Purple, striped white.

**Triumphant.** Rosy purple, edged white, fringed.

**New Double of 1886.**

Thirty cents each; the set of 4, \$1.

**Mrs. Coleman.** Dwarf, compact; very free bloomer; very double, pure white, and deeply fringed; certainly the finest double white ever offered. 30c. each.

**Exquisite.** Beautiful pink, veined with a fine line of purple.

**Mrs. Blair.** Purple and crimson, mottled white, deeply fringed.

**J. G. Draton.** The best and most distinct purple fringed variety; deeply fringed, and very double.

**The above is the finest new and distinct collection offered, in 4 distinct colors. 30c. each; the set of 4 for \$1.**

**PHLOX, HARDY HERBACEOUS.****General Collection.**

As these plants bloom well in partial shade they are perhaps the most valuable plants we cultivate for city gardens or shrubberies. They are entirely hardy in all sections of the country. 20 cents each; \$2 per dozen.

**Snow Bank.** Pure white; beautiful; fine for cemetery.

**Variegated.** Pink and white striped.

**Nellie.** Bright, fiery red.

**Rose Queen.** Center crimson, bordered rose.



**La Promise.** White, purple center.  
**New Salmon Color.**  
 Price, 20 cents each; the set of 6 for \$1.



CHINESE PRIMROSE.

### PRIMROSE, (Chinese Single.)

One of the finest of our winter blooming plants, producing flowers in great profusion. Make splendid plants for the parlor in winter, and are of very easy culture.

My plants are from the improved strain of large flowering, and comprise all shades of red, white, striped and spotted, with fringed petals and compact growth. Price, 15 and 20c. each; \$2 per dozen.



PANSY.

### PANSY.

The wonderful improvement made in the varieties of Pansies has rendered them extremely popular plants for early spring, summer and autumn flowering. For massing in flower beds, no plant is more essential. Plants from my improved large flowering strain, 6 cents each; 60 cents per dozen;

\$4 per 100. Ordinary Pansies, 50 cents per dozen.

*My plants are seedlings from the very choicest seed that can be procured.*

### PRIMROSE, (Double White Chinese.)

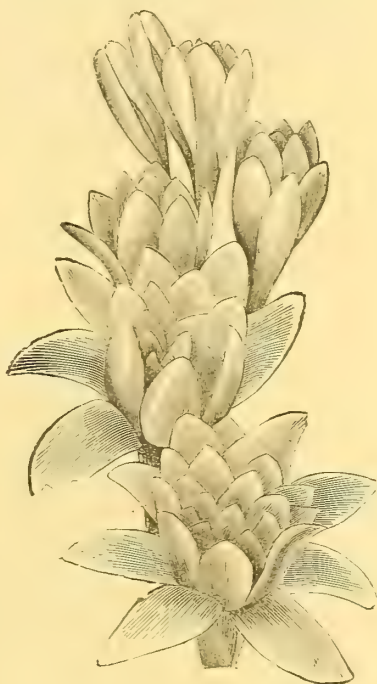
One of the most profitable plants cultivated for winter flowers, well grown specimens often yielding 500 flowers during the winter. Always very scarce. Price, 40 and 50 cents each.

### DOUBLE WHITE HARDY PRIMROSE.

One of the earliest of spring flowers. It is hardy, and is much used as a spring flower in cemeteries. 20 cents each.

### TUBEROSE, (Double.)

Grow on long stems three feet high, and produce the most beautiful waxy-white, sweet-scented flowers of any bulb in cultivation, having from 20 to 30 flowers on each stalk. Price, 8 cents each; 60 cents per dozen. \$3.50 per 100. Started in pots, 25 cents each; \$2.25 per dozen.



TUBEROSE—"PEARL."

### DOUBLE TUBEROSE, ("Pearl.")

This is more dwarf than the preceding variety; its

flowers are much larger and imbricated like a rose. Is much better in every respect than the old variety. Price, first quality bulbs, 8 cents each; 60 cents per dozen; \$3 per 100. My tuberose bulbs are the best that can be obtained; not one in a hundred will fail to produce flowers if properly treated.

**Double Tuberose Excelsior Pearl.** An improved strain of the Pearl variety, with large flowers more dwarf, blooming as free. Price, 8c. each; 75c. per dozen; \$3.50 per 100.



GLADIOLUS.

## GLADIOLUS.

They are remarkable for easy culture, fine habit, intense beauty of coloring in the flowers, varying from the most brilliant scarlet to pure white, rose to pure yellow and purple, striped and flaked in the most beautiful manner with very delicate tints. The flowers are produced 20 to 30 in a cluster, on flower spikes about 3 feet high. The great improvement among the French and American Hybrids is astonishing, yearly producing many new and very valuable varieties. A succession of bloom may be had from July to September, by planting at intervals from April to June, reserving the strongest bulbs for the last planting. The bulbs should be taken up in the fall and placed in a dry cellar, protected from the frost. I keep in stock a large collection of named varieties, and have selected the following, which are the most distinct in color, and among the best, showing good spikes. No class of bulbs require so little labor and expense for the amount of beauty and pleasure returned, being exceedingly popular in all parts of the world. I omit many of the high priced varieties, knowing that in the list below a selection can be made equal to most of the expensive sorts. Some of the costly bulbs are put in collections of 12 distinct colors, ranging from \$1.50 to \$3 per dozen. Where the selection is left with me, care will be given in selecting a good con-

trast of colors, parties stating price per one-half dozen or dozen they wish to pay.

**Addison.** Dark amaranth with white lines, large flowers. 10 cents.

**Aristotle.** Light flesh, spotted red, lower petals striped carmine and purple. 10 cents.

**Antonius.** Cherry tinted with orange, blazed carmine. 10 cents.

**Amalthier.** Deep rosy carmine, white blotches, yellow throat. 10 cents.

**Angele.** White, very showy. 10 cents.

**Arlequin.** Salmon rose, striped carmine, large blotch on yellow ground. 30 cents.

**Bijou.** Lilac, shaded lavender white. 10 cents.

**Bernard de Jussius.** Violet, shaded cherry and purple; purple blotch on white ground. 10 cents.

**Brenchleyensis.** Rich, dark scarlet; very brilliant. 10 cents.

**B. Rabourdin.** White, large carmine blotch. 25 cents.

**Camille.** Magenta, lilac shaded towards the center; flamed with dark lilac. 60 cents.

**Canary.** Light yellow streaked with rose. 15 cents.

**Ceres.** Pure white, flamed lilac. 10 cents.

**Citrinus.** Upper petals light yellow, lower ones darker. 25 cents.

**Conde.** Light orange red, white blotch, feathered carmine. 15 cents.

**Cicéron.** Large, open, dark rose—tinted velvet carmine, and flamed white throat. 25 cents.

**Carnation.** Fleshly white, edge richly tinged carmine, blotched on lower petals with purplish carmine. 25 cents.

**Dahlia.** Bright rose, striped and flamed carmine, large white blotch. 30 cents.

**Daphne.** Light cherry, bright crimson spots. 10 cents.

**Eldorado.** Fine yellow, slightly marked with red. 15 cents.

**Emile.** White, suffused with rose; dark brown blotch. 15 cents.

**Eugene Scribe.** Flowers large and white, perfect; tender rose, flamed with carmine red. 15 cents.

**Fel. David.** Cherry, light carmine feathered, white blotch. 10 cents.

**Fulton.** Velvety vermillion, with purple stain. 10 cents.

**Grand Lilas.** Delicate lilac; new shade. 30 cents.

**Ida.** White ground tinted rose, flamed carmine rose, lower petals light yellow. 10 cents.

**Isaac Buchanan.** The best pure yellow variety. 15 cents.

**John Bull.** Ivory white, tinted yellow and lilac; one of the finest varieties. 10 cents.

**James Carter.** Light orange red, bright pure white throat. 10 cents.

**Lamarck.** Long spikes, cherry color, tinted orange, flamed red, center lighted; large pure white strain. 15 cents.

**Lord Byron.** Scarlet, white spots. 10 cents.

**Mdm. de Vetry.** French white, purple carmine blotch. 15 cents.

**Mazeppa.** Orange rose, large yellow blotch, flamed red. 10 cents.

**Napoleon III.** Bright scarlet and white. 10c.

**Oscar.** Brilliant, rosy lilac, white blotch. 10c.

**Pactole.** Pure yellow, rose border, lower petals shaded with darker yellow. 15 cents.

**Prince of Wales.** White, flaked carmine. 10 cents.

**Rose Perfecta.** Rose, tinted violet, striped pure white. 10 cents.

**Robert Fortune.** Orange lake shaded to crimson, veined white. 15 cents.

**Romulus.** Intense dark red, blotched with pure white. 10 cents.

**Sultana.** Satin rose, flamed carmine, blotch on white ground. 25 cents.

**Sylphide.** Long spike, color fine white, flamed



carmine. 10 cents.

**Shakespeare.** White, rosy blotch. One of the earliest to bloom, and much used for forcing; fine graceful form. 20 cents.

**Vesta.** Pure white, with purplish carmine blotch on yellow ground. 10 cents.

**Vulcan.** Velvety scarlet purple, shaded violet purple in center. 15 cents.

**Zenobia.** Rose tinted violet, flamed dark carmine, large blotch flamed crimson. 15 cents.

**The Bride.** Pure white, 25 cents.

One dozen choice named from above list amounting to \$2, your selection, will be forwarded for \$1.50.

*Extra choice selections Gladioli, \$2.00 and \$3.00 per dozen.*

The mixtures, separate colors and seedlings below will be found to contain some of the very finest named sorts from many hundred varieties. The bulbs will be found equal to any offered by other leading florists, and the price exceedingly low, considering the varieties the mixtures contain.

*The below prices are when ordered by express; add 15c. per dozen when ordered by mail.*

Very fine mixed varieties,	PER DOZ.
<i>Various shades of red and scarlet,</i>	\$ .35
“ “ <i>pink and striped,</i>	.60
“ “ <i>light colors and</i>	
“ “ <i>white,</i>	.70
“ “ <i>yellow,</i>	.75
<i>Seedlings, extra choice mixtures,</i>	.75
<i>All shades and colors, per 100,</i>	\$3. .35
<i>Extra choice, all shades and colors,</i>	
<i>per 100, \$4.</i>	.75

## REGAL PELARGONIUMS.

This type are the most beautiful colored flowers, large, very rich and showy; although they are not really double, yet from their fullness of form and the extra number of petals, they have the appearance of being so.

**Beauty of Oxtou.** Upper petals a rich maroon, darkly blotched; under petals dark crimson, shaded maroon; regularly margined with white and fringed. 40c.; small size, 30c.

**Queen Victoria.** Remarkably distinct; is one of the most beautiful. The color is a rich vermillion, all the petals broadly margined with pure white, and the upper ones blotched with maroon; peculiarly crisped. 40 and 50c.

**Mm. Thibaut.** This new and much prized variety is among the finest of all pelargoniums. Truss and flowers very large with undulated petals deeply frilled. The color is white, richly blotched and marbled with delicate rose; the upper petals are marked with small, dark maroon blotches; centre pure white. 35 and 50c.

**Triumph de St. Maude.** For high, rich coloring it is unequalled, and one of the very best in cultivation. Its habit is dwarf, short jointed and very free; excellent market variety. 50 cents each.

## NEW AND VERY CHOICE FANCY PELARGONIUMS.

**Black Prince.** A rich, dark, chocolate maroon, with a circle of white on the outer edge. 50 cents each.

**Gambetta.** Purplish crimson, rich and velvety frilled petals. 60c. each.

**Count de Flanders.** White ground shaded to purplish crimson, frilled; very fine and distinct.

50c. each.

**Empress Eugenia.** Perfect in form, color and growth. 50c. each.

**Dr. Keith.** A beautiful rosy crimson, edged white, maroon blotched with white center, frilled. 50c. each.

**Madon's Victor.** Large, light scarlet flower, maroon blotch, white center. 60c. each.



FRENCH ODIER PELARGONIUMS.

## STANDARD SPOTTED AND SHOW PELARGONIUMS.

I offer a carefully selected collection from the latest and best English and French varieties, which can be highly recommended to all lovers of these rich and showy flowering plants, sometimes known as the Lady Washington or Pansy Geranium. Large plants, 35 and 50 cents each; \$4 per dozen. Medium size, 25 cents each; \$2.25 per dozen, except where noted.

**Admiration.** Carmine and white blotched maroon and violet.

**Beauty of Montpensier.** Large white throat, the outer half of each petal scarlet with a purple tint; an excellent sort.

**Conductor.** Excellent habit, free grower and bloomer, large frilled flowers, crimson maroon, blotched.

**Dr. Andre.** White and pink; elegantly fringed petals.

**Eclipse.** Blackish maroon, edged crimson.

**Emile Zola.** Truss large and finely formed; a vigorous and profuse bloomer; color carmine orange bordered rose; centre blotched maroon; profuse. 50 cents.

**Gold Medaille.** Salmon rose, shaded scarlet maroon blotch.

**Geo. Sand.** Orange salmon and pink; superb; one of the best market varieties.

**Lucy Morton.** Nearly pure white.

**Mrs. Bradshaw.** Extra large; white, with deep purple blotches.

**King of White.** Distinct and beautiful. 50c. each.

**Mdm. Vibert.** Delicate, rose tint, plain, large flower.

**Mabel.** Maroon and violet blotched, spotted crimson; one of the finest.

**Queen of White.** Silver white.

**Scarlet Gem.** Scarlet with maroon spots, white centre; a fine variety, and good bloomer.

**Vicomtesse La Bertha.** Crimson maroon blotched.

**Vicomtesse de Belval.** Fiery crimson, white centre; each petal blotched with rich purple; a splendid variety.

**Watchful.** Lilac, shaded with violet; upper petals spotted with crimson; very attractive.

**F. Heini.** Rosy pink with white border.

**Lady of the Lake.** Rose and crimson, maroon upper petals.

**Triumph St. Maud.** Rich deep crimson.

The following are good market sorts, blooming ear-

ly, but older varieties. Price, first size, 35c. each; \$3 per dozen; 2d size, 25c. each; \$2 per dozen.

**Apple Blossom.** White and rose.

**Bride.** Rose and maroon.

**Coronet.** Crimson and maroon.

**Cambridge Pet.** Dwarf; free.

**Charles X.** Pink and maroon.

**Emperor.** White, marbled rose, maroon blotch.

**Gen. Taylor.** Deep rose, maroon blotch.

**Gen. Avenir.** Variegated.

**Princess Teck.** White, rose, maroon.

**Belle of Paris.** Carmine rose, blotched maroon.

## ROSES.



### EVER-BLOOMING ROSES.

Are the only continual bloomers, commencing early in the season, giving an abundance of bloom through the summer and autumn until checked by freezing weather. The Tea Rose buds are the most beautiful of all, although the Bourbon, China, and Noisette are more hardy and bloom as freely, they give better satisfaction than any other class of Roses. Many of the Noisette, China and Bourbon do well when left in the open ground during the winter, with slight protection. When the tops are killed to the ground, they start vigorously in the spring from the root, and continue to grow and bloom nearly the entire summer. The old wood should be cut out as soon as the new growth appears. Should the roses be entirely destroyed, it is of no serious matter, as they can be replaced with trifling expense. Verbenas, Geraniums, Foliage, and many other plants are destroyed by frost annually, and replaced in the spring with new. The rose is no more expensive,

and quite often young plants will do the best. No plant will better repay their cost than a bed of EVER-BLOOMING ROSES.

The dead branches should be cut back to the live wood. If the plants are lifted in the fall into boxes of earth, cut back, and kept in a cool cellar, giving water enough to keep the bark from drying, they can be planted out early in the spring, and will start into bloom in a very short time. If wanted for winter blooming, they should be kept in pots during the summer, keeping the buds picked off, plunging the pot in the open ground to the rim, shifting as it grows to a larger size, once or twice during the summer.

To those who are not acquainted with the varieties, and stating what colors they prefer, or whether for pot culture, bedding out, or climbing, and when left with us, we will guarantee to select varieties that will please you, always sending named varieties and labeled.

**I grow Roses** in large quantities, and our system of packing is so complete, that I safely send roses and all other plants to all parts of the United States by mail or express with perfect safety, and **GUARANTEE** them to reach the purchaser in good growing condition. They are all grown in pots on their own roots, are fine, strong, healthy plants, equal to any roses grown in this country of the same size and price.

If good strong blooming plants are wanted, it is best to order the large size. If not particular about blooms until late, the smaller size will answer, if you can wait two or three months for them to grow.

**I send by mail, with cash orders,** postage prepaid, or by express, paid by the purchaser, at the following rates, each variety labeled and guaranteed to arrive safely, purchaser's choice of varieties.

For \$1. will send Seven Roses.

For \$2. will send Sixteen Roses.

For \$3. will send Twenty-four Roses.

For \$4. will send Thirty-two Roses.

For \$5. will send Forty Roses.

For \$6. will send Fifty Roses.

For \$10. will send One Hundred Roses.

I can also send a smaller size by mail or express for \$1. per dozen; \$2. for twenty-five; \$3. for fifty; \$5. for one hundred. My selection of varieties—\$5 for 100.

ABOVE PRICES DO NOT INCLUDE MOSS ROSES.

My roses are wintered in cool houses, and are therefore in condition to give the very best re-



sults for summer blooming. Remember, these Roses are not forced, but grown at the north in cool houses, and generally give my customers better satisfaction than those grown in a warmer climate.

## NEW, CHOICE AND SCARCE ROSES.

In this list will be found some of the choicest and well tried varieties of fancy Tea Roses. They are all worthy of cultivation, where quality and beauty is wanted, and for that particular use none equal them. Price, 20 cents each, except where noted.

**Abbe Girardin.** Bright, satiny rose; large, full and double; very fragrant; crimson center; very free bloomer.

**Andre Schwartz.** A valuable new rose; rich, velvety scarlet, sometimes changing lighter or deep dark pink.

**American Beauty.** Light crimson; a most excellent rose for all purposes. 30 cents.

**Beauty de L'Europe.** Deep yellow, after the style of Gloire de Dijon.

**Bride.** A large, pure white; perfect formed rose of superior quality; fine fragrance; strong grower; long pointed buds; free blooming.

**C. Mermet.** Clear silver rose, shaded amber and fawn center; beautiful, double and sweet, elegant rose.

**Coquette de Lyon.** Canary yellow, full and double, large flower, beautiful bud; strongly tea-scented.

**Cornelia Cook.** Pure white, very large and double.

**Edith Gifford.** Creamy white, with rose tint center; beautiful in bud and full open; vigorous growth. 30 cents.

**Etoile de Lyon.** Bright, canary yellow; full, well formed, double; strong, bushy, and a better bloomer than Perle de Jardin.

**Louisa C. La Rive.** Habit strong and robust; blooming freely; rosy blush, shaded salmon and buff; medium size, double and fragrant.

**Letty Coles.** Rosy pink, shaded crimson; globular form; fine tea-scented.

**La Princess Vera.** Vigorous, large and full; very double; creamy white, yellow tint.

**Maria Van Houtte.** White, tinted yellow; delicate shaded rose; large, double; full, fragrant.

**Mdme. Eugenie Verdier.** One of the finest new roses of its color; buds and flowers very large, very full, of a deep orange yellow, quite distinct.

**Maria Guillott.** Pure white; large, full and double; tea-scented.

**Mdm. Cusin.** Vigorous and well formed; white with lilac center; large. 50 cents.

**Perle de Jardin.** Fine canary yellow; fine, large, full form; good winter bloomer.

**Prince of Wales.** Yellow, shaded carmine. 25 cents.

**Papa Gontier.** (New.) Large, long, dark crimson buds, said to be exceedingly free in growth and bloom. (See Novelties.)

**Queen of Bedder.** Good grower; dwarf and branching; dark, rich, velvety crimson; very double.

**Queen's Scarlet.** Rich crimson scarlet.

**Red Malmaison.** (Bourbon.) Rich crimson scarlet; full and double; a rose of much promise.

**Red Safrano.** Rich crimson; otherwise similar to yellow Safrano, of which it is a sport.

**Sou de Therese Levet.** A new and very attractive Tea Rose, of a bright scarlet crimson; large and full; changing to velvety crimson. 30c. each.

**Sou D'Un Ami.** A prominent winter bloomer; clear, deep rose; full and double.

**W. F. Bennett.** Where known its demand is very large. Its color is rich velvety crimson; very fragrant; buds long and have a rich appearance, and fine size.

**Sunset.** A bright canary yellow, shaded to fawn; very double.



CATHERINE MERMET.

**White Bon Silene.** A sport from *Bon Silene*, with vigorous growth, hardy as its parent, blooming free. A valuable white variety.

**Mdm. Waterville.** Creamy yellow; tinted carmine, with large pearly petals, having a border of crimson.

**Etendard de Jeanne d'Arc.** White; double and fragrant.

**Imperatrice de Russia.** Canary yellow; large, perfumed; orange centre.

**Mdm. Jean Sisley.** Snow white, tinted rose; a constant bloomer; large and full of delicate fragrance.

**Sou de Gabriel Drevit.** A rare shade of salmon and terra cotta; large and full. 50c.



AMERICAN BEAUTY.

## 12 Ever-Blooming Roses.

Half-hardy, will endure the winter with little protection by covering with straw, leaves, or any coarse litter. Tops will sometimes winter-kill, but roots will send up strong shoots, giving a continual bloom from June to October.

Agrippina,	Duchesse de Brabant,
Appoline,	Bouquet Maria,
Bourbon Queen,	Emperor of Russia,
Malmaison,	Washington,
Hermosa,	Sanguinea,
Sombriel,	Mdm. Brest.

Price, 20 cents each; 13 for \$2; \$10 per 100. Second size, 15 cents each; \$1.50 per dozen; \$8 per 100. Third size, 10 cents; \$1 per dozen; \$6 per 100.

## 12 Choice Tea Roses.

If you are in search of 12 good Tea Roses of free growth and among the best to bloom, with contrast in colors, you will be pleased with the selection. For description of colors, see next page.

Duc de Cayes,	Laurette,
Aroura,	Clement Nabonnand,
Bon Silene,	Isabella Sprunt,
Mdm. Bravey,	Safrano,
Douglass,	Countess la Bertha,
Nina,	Maria Sisley,

Price, strong plants, 25 cents; 7 for \$1; 16 for \$2; all labeled. Second size of above sorts, 15c. each; \$1 per dozen. See general collection. My choice of varieties for bedding, \$8 per 100. Third size, 10 cents each; 12 for \$1, \$6 per 100.

Among the newer choice fancy tea, and most popular forcing varieties for cut flowers of later intro-

duction, the following list will be found to contain the best varieties. Price, strong plants, except where noted, 20 cents each; the set of 12 strong plants, \$2.00.

Catherine Mermet,	Cornelia Cook,
La France,	Sou D'Un Ami,
The Bride,	Maria Guillot,
American Beauty, 30c.	W. F. Bennett.
Perle des Jardin,	Etoile de Lyon,
Niphetos,	Marechal Neil.



WM. FRANCIS BENNETT ROSE.

## 12 Good Standard Roses for House Culture.

Price, strong plants, 20 cents each; 16 for \$2, except where noted. Second size, 10c. each, 12 for \$1.00.

Hermosa,	Isabella Sprunt,
Duchesse de Brabant,	Queens Scarlet, 20c.,
Safrano,	Maria Guillot,
Countess La Bertha,	Sou D'Un Ami,
Agrippina,	Mignonette,
La Pactole,	Bon Silene.

## 12 Hybrid Perpetual Roses, \$2.

These are perfectly hardy and will stand our coldest winters without protection, blooming about three times during the summer. Price, 20 cents each; \$2 per dozen; small size 15c. each, the 12 for \$1.50; strong, one and two-year-old plants, extra size, 35 to 50 cents each; \$12 to \$15 per 100.

Anne de Diesbah,	La Reine,
Lady Emily Peel,	Paul Neyron,
Augusta Mie,	Pierre Notting,
Maurice Bernardin,	John Hopper,
La France,	Alfred Colomb,
Gen. Jacqueminot,	Prince Camellia de Rhon.

**The set of Five Collections, or Sixty Roses for \$7.**



GENERAL COLLECTION.

EVER-BLOOMING ROSES.

Price, strong plants, 15 cents each; 7 for \$1; 16 for \$2; 24 for \$3; 32 for \$4. I can furnish a small size of those marked with a star (\*) for 10 cents each; 12 for \$1; 25 for \$2. For club rates, see Index. 100 for \$6, purchaser's choice; or, 100 for \$5, my choice of variety. (See collections.)

**Admiral Rigney.** Rich carmine rose; large flowers, full and handsome; a constant and profuse bloomer.

**Adam.** Bright, fresh carmine; large size; free bloomer.

**Aline Sisley.** Flower is large and full; very double and sweet; color is a rare shade of violet red, brightened with crimson maroon.

**Alba Rosea.** White, rose centre.

**Appoline.** Full and sweet; delicate pink, changing to clear rose.

**Agrippina.** Brilliant fiery red; full and sweet; an early and profuse bloomer; excellent for house or bedding.

**Arch Duchesse Isabella.** A beautiful bedding and house rose; white, shaded with rosy carmine, changing to amaranth.

**\*Arch Duke Charles.** Brilliant crimson scarlet, shaded with violet crimson.

**America.** Cream yellow, changing to coppery yellow; strong grower.

**\*Aurora.** A beautiful rosy blush, changing to clear rose.

**Bourbon Queen.** Large, very full and sweet; brilliant carmine and rose.

**Bella.** Pure white; good size and form; tea-scented.

**\*Beauty of Greenmount.** Rose, changing to crimson.

**Bougere.** Rosy bronze; a superb rose; large, full and very fragrant.

**\*Bon Silene.** Noted for the great size and beauty of its buds; deep rose color but changeable; very sweet and fine every way.

**\*Bouquet de Marie.** Rose, tinted with silver; fine form and good habit.

**Andre Schwartz.** A valuable new rose; rich, velvety scarlet, sometimes changing to lighter or deep dark pink.

**Caroline de Marinese.** Pure white; double, and a constant bloomer; medium size, in clusters.

**Compte de Bobinsky.** Deep crimson scarlet; profuse bloomer.

**Cornelia Cook.** Pure white, very large.

**\*Chromatella, or Cloth of Gold.** Clear, bright yellow; good form and substance.

**\*Clement Nabonnand.** Outer petals rosy lilac, inner ones golden yellow.

**\*Cilene Forester.** Pale yellow, deepening towards the centre.

**Cramoise Supérieur.** Medium size; rich, dark, velvety crimson; very double, full and beautiful; compact growth; one of the best for bedding.

**Countess la Bertha.** Rosy salmon, shaded amber, cupped and fragrant.

**Countess de Caserta.** Bright copper red.

**Duchesse de Edinburg.** Velvety crimson; good bud.

**\*Duchesse de Brabant.** Soft, rosy flesh, edged with silver rose; free; one of the best.

**\*Douglass.** Dark, cherry red; fine color and a good bloomer.

**Duc de Cayes.** White, shaded yellow; a standard variety.

**\*Emperor of Russia.** A bright magenta, shaded and dashed with crimson.

**Emperor Eugénie.** Pale rose, margined with purple; double and fragrant.

**Gloire de Dijon.** One of the finest in every respect; large, very double and sweet; color rich, creamy yellow, shaded with salmon rose.

**Homer.** Extra good; large, very full and double; tea-scented; color, light flesh, changing to silvery rose; very fine.

**Helvetia.** Beautiful, golden salmon.

**\*Hermosa.** Clear rose; fragrant; a constant bloomer; hardy; excellent house or bedding rose; the best for all purposes.

**\*Isabella Sprunt.** Canary yellow; beautiful buds; very sweet, profuse bloomer.

**\*Jeanne d'Arc.** Fine, citron yellow; full globular form; highly tea scented.

**Jules Finger.** Vigorous and a free bloomer; rosy scarlet, large and well formed.

**\*James Sprunt.** Deep, cherry red; very pretty and distinct; desirable as a climbing or parlor rose; very profuse bloomer; also a fine bedding rose.

**Jeanne Abel.** Rosy red, edged crimson; penciled yellow; fine.

**\*Lady Warrender.** White; fine and fragrant.

**La Nankeen.** Apricot yellow; large and full; good form; tea-scented.

**\*Louis Philippe.** Rich, dark, velvety crimson; profuse bloomer.

**\*La Pactole.** Pure sulphur yellow; large and full; very sweet, tea scented.

**\*Laurette.** Delicate creamy white, shaded rose; flesh colored center.

**\*Lamarque.** Pure white, flesh center; when full open, very double.

**\*Lucullus.** Beautiful dark crimson maroon.

**La Nancee.** Salmon rose, shaded coppery yellow.

**Letty Coles.** Rosy pink, shaded crimson; globular form; fine, tea scented.

**Maria Ducher.** Deep rose; beautiful, fine and double. Should be in all collections.

**Mdm. Camille.** Large, very double, immense buds; decided flesh color, shaded carmine.

**Mdm. Lombard.** Silver bronze, changing to salmon, shaded carmine, double, sweet, superb.

**Mdm. Eugene Verdier.** One of the finest.

**Maria Van Houtte.** White, tinted yellow; fine, large white; fragrant.

**\*Mdm. C. Kuster.** Orange yellow; fine.

**Mount Blanc.** Double and fragrant; color a lovely cream white, tinged with yellow.

**\*Monthly Cabbage.** Deep rose; large and globular.

**Mad. Rachel.** Pure white; very double; makes beautiful buds; is an elegant house rose and a good bedder.

**\*Maria Sisley.** One of the finest; color an exquisite shade of pale yellow.

**\*Mdm. Bravy.** Rich creamy white with blush center; perfect form; one of the best for all purposes.

**\*Melville.** Bright pink, changing to silver rose; constant bloomer.

**Mdm. Joseph Schwartz.** White, blushed with rose, and changing to flesh white; flowering in clusters; flowers of moderate size, full and well formed.

**\*Malmaison.** Pale cream flesh, changing to lovely fawn, with rose center; very double, full and sweet; one of the finest varieties; quite hardy.

**\*Marechal Niel.** Flowers very large, double, and deliciously perfumed, clear, sulphur yellow; buds immense size.

**Niphetos.** Pure white; beautiful buds.

**\*Nina.** Silver white, covered with rosy blush; good form; fragrant.

**Royal Tea.** Fine, large; pure white; tea scented.

**\*Reine des Massifs.** A low, bushy grower, and profuse bloomer; suitable for beds and masses; flower medium size, full and sweet; color, fine yellow.

**\*Perle des Jardins.** Fine canary yellow; very large, full and fine form; good winter bloomer.

**\*Pink Daily.** Fine, bright pink; a constant bloomer; much esteemed.

**Queen of Bedders.** Crimson; very free flowering.

**Rovoli.** Large, fine, full and fragrant; carmine changing to silver rose; base of petals yellow.

**\*Safano.** Bright apricot, changing to salmon and fawn; beautiful orange buds; a constant and profuse bloomer.

**Sombriul.** White, edged and tinted with silvery rose; very sweet and large.

**\*Solfaterre.** Fine, clear, sulphur yellow; lovely bud; full and sweet; good grower and fine bloomer.

**\*Sanguinea.** Deep, blood red; very bright and distinct.

**Sou de Geo. Sand.** Bright carmine buds, changing to reddish amber; flowers large; superb.

**\*Verdiflora Green Rose.** Flower double; pure, deep green.

**W. A. Richardson.** Fine yellow.

**\*White Tea.** A rather tender variety, good bloomer and fragrant.

**\*Washington.** Pure white, double; vigorous grower and profuse bloomer.

**\*White Daily.** White; free bloomer.

## HYBRID TEA ROSES.

This class combines the free flowering qualities of the Tea Rose, the hardness of the Hybrid Perpetual, and is inclined to render them a valuable class of roses for the amateur and florist. For out-of-door planting they are desirable on account of their hardy constitution, producing flowers of the rich colors and delicious fragrance of the Hybrid Perpetual. They are considered hardy, but if protection is given them north of New York they will make better growth and bloom more freely.

**DUKE OF CONNAUGHT.** One of the finest Crimson Roses; the flowers large, full and fra-



HYBRID TEA ROSE.

grant; the buds are long and finely formed; intense glowing crimson. Price, 20 cents.

**Beauty of Stapleford.** Flowers and petals

large, of the finest form; of a fine light pink. 30 cents each.

**Duchesse of Westminster.** Large, well formed, fragrant; bright red. 20 cents each.

**VISCOUNTESS FALMOUTH.** Flowers large and of beautiful form; color, pinkish rose; back petals are of a bright pink, giving it a fine appearance. 20 cents each.

**PEARLE.** Flowers not of the largest size; color white, tinted flesh; is perfect in form, full and double; highly scented. 20 cents each.

**LA FRANCE.** A splendid variety; beautiful pale peach, changing to deep rose, shaded center; very large and full; free bloomer; delicious tea fragrance; one of the best for open ground or in pots. 15 cents each; large plants from 4, 5 and 6 inch pots, 25, 35 and 50c. each.

**Lady Mary Fitzwilliams.** (New Hybrid Tea.) Delicate flesh tinged with scarlet; large, globular, full and fragrant. A beautiful rose. 20 cents.

**Reine Maria Henriette.** One of the finest in the list of hybrid teas. Its buds are long, pointed, large, of a beautiful light, soft crimson; very double when open, blooming in clusters. Is very hardy, standing the winter here without protection; blooming profusely in June, and continuing during summer. Price, 15c. each; strong plants 20 and 25 cents.

**PIERRE GULLOTT.** New; large, beautiful buds on strong, upright stems, and shows none of that weakness in the stem that some others of this class do; color, bright, dark crimson, with rich Hybrid Perpetual fragrance; very profuse. 20 cents each.

**Nancy Lee.** Satiny rose, changing to clear pink; free bloomer, with long pointed buds. 20 cents each.

## HYBRID PERPETUAL ROSES.



HYBRID PERPETUAL.



They are valuable for general collection, having a hardy constitution, vigorous in growth, and bearing throughout the summer and autumn, flowers of elegant beauty and delightful fragrance. They grow best in a rich, stiff, loamy soil, and should be carefully topdressed with stable manure in the fall. They may be massed in permanent beds, and in the spring and fall will make a gorgeous display of their rich bloom.

Do *not* prune in the fall, but on the approach of winter cover your plants with light straw or hay. This will protect them not only from the cold but from the intense heat of the sun, which, striking the stem when the sap is down, is very injurious. After the frost is over in the spring, remove the straw, and prune down to within two or three eyes of the ground, manure liberally, and an abundant crop of roses throughout the summer and fall will be the result. Price, 15c. each; 7 for \$1; 16 for \$2; also see index for club rates. 32 for \$4.

Extra large plants from 4, 5 and 6 inch pots, 20, 30 and 40 cents each; \$2, \$3, and \$4 per dozen; \$15 to \$25 per 100.

*The varieties in bold type I grow in large quantities and are considered the best for all purposes in this class of Roses.*

**Abel Grand.** Large, very full, and deliciously perfumed; color, deep, rosy blush, shaded.

**Abel Carrier.** Bright purplish crimson, fiery red center, large, double and sweet.

**ALFRED COLCUMB.** Large, globular form; full and very sweet; bright, clear red.

**AUGUSTA MIE.** Clear, bright pink; very large and finely cupped; fragrant.

**Antoine Mouton.** Bright rose, reverse of petals silvery; very large, full and globular.

**ANNA DE DIESBACH.** Carmine; fine and double. One of the most hardy.

**Baronne Rothschild.** A very popular rose. They are immense in size; color white, tinted rose; its handsome foliage comes close up to the flower, representing a bouquet in itself. 30 cents each; large size, 40 cents.

**Baronne Prevost.** Beautiful, pure, bright rose, shaded crimson; very large; finely perfumed.

**Count Cavour.** Dark, deep vermilion red; very double; large and sweet.

**Climbing Victor Verdier.** Brilliant, rosy carmine, edged with purple; very large; full and fragrant.

**Charlotte Corday.** A large, bold rose; very striking; dark purplish pink.

**Coquette des Alps.** The finest white Hybrid Perpetual yet introduced; a profuse bloomer; flowers pure white.

**Countess of Oxford.** Noted for its immense size, fine, full form, and delicious fragrance; color soft, rosy carmine.

**Coquette des Bianche.** One of the finest whites.

**Empress of India.** Dark violet crimson, shaded and velvety; fragrant; very large, full and double.

**Edmund Wood.** Large size and perfect form; very fragrant; color, bright orange scarlet.

**GENERAL JACQUINOT.** Rich, velvety scarlet, changing to scarlet crimson; magnificent bud.

**Fisher Holmes.** Deep, glowing crimson.

**Baron de Bonstetten.** Large, very double, dark red, almost maroon; fragrant; grows strong and vigorous.

**Eliza Boelle.** White tinted rose; full and fine form.

**Eugene Verdier.** Silvery pink; large and full; beautiful buds and foliage.

**Francois Michelon.** Deep carmine rose; large, full, globular form; fragrant and free blooming, erect grower.

**Marshall P. Wilder.** Cherry carmine; vigor-



GEN. JACQUINOT ROSE.

ous; free in growth and bloom; very fragrant.

**Marguerite de St. Amande.** Bright rose; beautiful in bud; quite free in autumn.

**Maria Bauman.** Carmine crimson; large, full; of good form and color; fragrant.

**Rev. J. B. Camm.** Carmine rose, enduring shade; globular form; very fragrant and free blooming.

**Queen of Queens.** Pink blush edges; large, full, good form.

**General Washington.** Bright vermilion rose; large, fine form, perfectly double; very free bloomer; fragrant.

**Gloire Lyonnaise.** (New.) Not yet bloomed with me. Described as clear chrome yellow; very rare and choice 50c. See novelties.

**JOHN HOPPER.** Rose, crimson center; large, full and good.

**Jules Margotten.** Bright cherry; large and full; superb.

**LADY EMILY PEEL.** A charming rose; medium size and full form; very sweet; color, white, sometimes tinged and shaded with blush.

**LA REINE.** Beautiful, clear, bright rose; fine, full form; very fragrant.

**Louis Odier.** Bright rose, shaded deep carmine; cup shape, full and double.

**LOUIS VAN HOUTTE.** Brilliant, vinous crimson; large, full and fragrant.

**MAURICE BERNARDIN.** A splendid old rose, one of the very best; rich, velvety crimson.

**MDM. VICTOR VERDIER.** Rich, bright cherry red, changing to satin rose.

**MDM. PLANTIER.** Pure white; large and double; a good cemetery rose; one of the very best hardy white roses.

**Mdm. Alfred de Rougemont.** One of the best white; free bloomer.

**Magna Charta.** Rich, dark pink; one of the very best.

**Mdm. Lacharme.** Very vigorous; flowers very

large and full, and beautifully formed; white in opening, slightly shaded in the center, changing to pure white; a superb rose.

**Mabel Morrison.** New; pure white; one of the glossy roses. 35 cents each.

**Merville de Lyon.** A sport from Baronesse de Rothschild; large, pure white, and very fine. 35 cents each.

**Paeonia.** Flowers carmine; a free bloomer; one of the finest old roses, not excelled by any; very sweet.

**Pierre Notting.** Deep, blackish red; very dark, large and very double.

**Princess Louise Victoria.** A carmine rose of climbing habit, medium size, full and sweet.

**PAUL NEYRON.** Deep carmine; large, full, free, fragrant; an excellent rose.

**Perfection des Blancs.** Pure white, double and fragrant.

**PRINCE CAMILLE DE ROHAN.** Rich, dark, velvety crimson, changing to scarlet maroon; full, very double and sweet.

**Reynold's Hole.** Dark, velvety, crimson maroon; flowers large and full.

**Sir Garnet Wolseley.** Bright red, shaded with carmine; strong, vigorous, and free bloomer.

**Triomphe de Exposition.** Clear lavender pink, and bright transparent rose, beautifully shaded.

**Victor Verdier.** Brilliant rosy carmine, edged with purple; fine, large, free bloomer.

*The collection of 13 varieties in bold type \$2; second size, 13 for \$1.50; extra strong plants, 35c. each; \$3 per dozen.*

I offer extra large plants of Perpetual Ever-blooming and Climbing roses from 35 to 50 cents each; \$3 to \$4 per dozen. **PREMIUM AND CLUB ORDERS.** See Index.

## YELLOW PERSIAN.

Deep, bright yellow; a very early bloomer, and the finest of all hardy yellow roses. The foliage has a scent of the common sweet briar. 50 cents each.



MIGNONETTE ROSE.

## NEW POLYANTHA ROSES.

First came from Japan, but introduced from France

here. A distinct class; quite hardy; dwarf; blooming in clusters. Make excellent house roses and border for rose beds; blooming continually; flowers small: white or rose tint: should be in all collections.

**Anna Maria de Montravel.** Flowers white, in clusters one inch in diameter, 25 to 35 cents.

**Mignonette.** Borne in clusters of 10 to 20 or more flowers; delicate roses changing to white; free in growth and bloom; quite hardy out of doors if slightly protected in winter, and fine for house culture. 20 cents; \$2 per dozen.

**Parquette.** White, perfect flowers.

**Perle d'Or.** The white and red varieties are extremely pretty for house or bedding. This variety is said to be of a saffron yellow tinged with red. Price, 30 to 50 cents.

## MOSS ROSES.

The Moss Rose is a hardy out-of-door plant; once set out will care for itself if the ground is kept free from grass and weeds, and manured yearly in



MOSS ROSE.

the fall and spring. The beautiful mossy buds, produced in clusters from 25 to 200 in number on one plant, always attract the attention of every lover of roses, blooming during the summer but once, in June. They can be easily forced in the green-house, and buds often bring high prices. (See cut.) Price, 25c. each; \$2.25 per dozen. Extra large plants, one and two years old, 50c. each; \$4 per dozen.

**Adelaide.** Pale rose.

**Crimson Rose.** Light rose; red.

**Countess de Murinaise.** Large, pure white, beautifully mossed; perfectly hardy.

**Captain Ingram.** Purplish crimson, violet shaped; large and very mossy.

**Common Blush.** Large, full, double, vigorous grower and free bloomer.

**Glory of Mosses.** Pale rose; very large, full and beautiful.

**Henry Martin.** Fine bright pink, tinted crimson; large, globular, sweet, full, well mossed.

**Luxemburg.** Fine, purplish crimson; large cupped, free bloomer.

**Prolific.** Rose; globular form; dwarf habit.

**Purpurea.** Violet purple, large, full, very double and fragrant.

**Salet.** Bright crimson; free; one of the best.

Set of 6 best Moss Roses, my choice, for \$1.



## PERPETUAL MOSS ROSES.

There are but few varieties of *Perpetual Moss Rose*, and what there are, are very difficult to propagate; the price, therefore, must always be high. The two sorts named below are among the finest of this interesting class. They are remarkable for the size and beauty of their flowers, density and profusion of moss and bloom. They are entirely hardy, and need no protection in winter. Seldom do well as house plants.

**James Veitch.** A Perpetual Moss Rose; extra large; very double and exceedingly sweet; bud very mossy; color bright rosy crimson, changing to deep carnation red. Price, 75c. Scarce.

**Perpetual White Rose.** The finest Perpetual White Moss Rose grown; an elegant flower; large, full form, double and deliciously fragrant; buds beautifully covered with moss; blooms in large clusters; color, pure, snowy white; a profuse bloomer; very valuable for cemeteries. Price, strong plants, 50 cents; young plants, by mail or express, 40 cents each.

## CLIMBING PRAIRIE ROSES.

The Prairie Roses are superior to all others for covering buildings, walls, trellises, trees, etc. Their immense clusters of beautiful flowers, their luxuriant foliage, perfect hardiness and rapid growth, make them the most desirable to every one who wants a fine climbing rose. 15 cents each; 7 for \$1.; 16 for \$2.

**Baltimore Belle.** Pale blush, becoming nearly white; double; one of the best.

**Caroline Goodrich.** Deep rosy crimson.

**Gem of the Prairie.** Light crimson; free bloomer and very double; one of the best.

**Queen of the Prairie.** Deep rose; large and globular, in great clusters; hardy and vigorous; the very best of its color.

**Russell's Cottage.** Bright scarlet crimson.

**Seven Sisters.** A strong and rapid grower with seven blooms in a cluster; hence its name.

**Scarlet Greenville.** Crimson scarlet.

**Mrs. Grunnell.** Rosy blush, changing to nearly white; large clusters; full and double.

**Pride of Washington.** Fine brilliant amaranth, shaded to center with rose.

## ROSE CHRISTMAS, (*Helleborus Niger*.)

A plant of the easiest culture, blooming several months in the winter with double white flowers two to three inches in diameter, somewhat resembling a rose; is hardy and will bloom very early in spring in the open ground. In the Southern states will bloom at Christmas and continue for two months. Valuable for greenhouse or house culture. Price 15 and 20 cents each.



WAX PLANT.

## WAX PLANT. (*Hoya Carnosa*.)

It has thick, fleshy leaves, growing moderately fast and bearing umbels of beautiful flesh-colored flowers. One of the best vines for house culture. 25c. each.

## SALVIA.

**Splendens.** A most gorgeous, fall-flowering

plant, growing from three to four feet in height, forming a beautiful bush, which is covered with spikes of bright scarlet flowers. 10 and 15c. each; \$1.00 and \$1.50 per dozen.

**Splendens Alba.** A pure white variety of the same habit of the preceding, with which it contrasts finely.

**Patens.** A choice variety of deep blue color; of good habit and forms a beautiful contrast with *Splendens Alba*.

**Rosea.** A distinct winter blooming *Salvia*, with rich, rose colored flowers, borne in spikes six inches long; to contrast with the white, blue and scarlet varieties, it is very valuable.

## SEDUMS.

Are valuable plants for hanging baskets, vases, rock work, or any dry place where other plants would perish for want of water. The flowers embrace the different shades of carmine, orange, pink, white, etc. 10c. each.

**Sedum Carneum Variegatum.** This is one of the most useful; is excellent for hanging baskets. Blooms in October and November. 15c. each.

**Sedum Sebaldi.** Dwarf habit; leaves a light green, flowers pink; a pretty plant for baskets or rock work. Blooming in autumn. 15c. each.

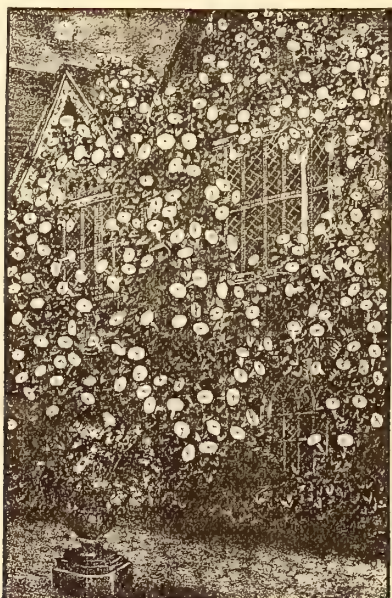


## HELIANTHUS, (Dwarf Double Sunflower.) (Hardy Perennial.)

**Helianthus Dwarf Double.** A valuable addition to our hardy plants. It grows 3 to 4 feet high, giving abundance of double yellow flowers about three to four inches in diameter, which last a long time, and are much in demand where known. It does not seed, but is increased by division of roots in the spring, living in open ground all winter for years, coming up every spring. It is really new, rare and beautiful; arranged in groups in the garden or lawn, or for cut flowers in autumn it is highly valued. Price, 25c. each; \$2.25 per dozen.

## MOON FLOWER, OR EVENING GLORY.

Few plants, as a climber, give so much satisfaction



MOON FLOWER, OR EVENING GLORY.

as this. It can be trained on string, wire, or any screen, growing 15 to 25 feet in one season, blooming from August to November, covered with flowers in the evening, moon like in appearance, white, 5 to 6 inches in diameter, quite fragrant and very attractive. All who have a place for vines ought to try it. It is also much used for covering stumps, walls, fences, arbors, summer-houses, etc. Price, 20c. each; \$2 per dozen.

## VERBENAS.

Having made a specialty of Verbenas for over 16 years, I have selected the following, which combine free growth, good blooms and greatest variety of colors. Purchaser's choice, 8c. each; 75c. per dozen. Our choice, 6c. each; 60c. per dozen; 25 for \$1; \$3 per 100; \$13 per 500; \$25 per 1000, in one order.

**Alert.** Fine scarlet.  
**Aimee.** Lavender and purple marbled  
**Black Hawk.** Dark maroon.  
**Beauty of Sherwood.** Scarlet, white eye.  
**Bismarck.** Cherry crimson, distinct, dark eye.  
**Beauty of Chastwood.** Deep crimson, dark.  
**Banner.** Light pink and white, striped in distinct lines.  
**Corkhill.** Purple, white eye.  
**Cass.** Magenta crimson.  
**Diana.** Maroon, white eye.  
**Eclipse.** Cherry scarlet.  
**Emily Dale.** Fine pink.  
**Flirt.** White, often striped pink.  
**Gleam.** Dazzling scarlet, white eye.  
**Geo. Maybe.** Dark velvety purple, white eye.  
**Jennie.** Scarlet; white eye.  
**King of Scarlet.** Clear scarlet, lemon eye.  
**King of White.** One of the best white.  
**Lavender Queen.** Fine lavender.  
**Lincoln.** Pink, often striped.  
**Mayflower.** White, edged pink.  
**Mozart.** Pink and white striped.  
**Mrs. Willard.** Large, deep pink; white eye.  
**Miss Arthur.** Dazzling scarlet; larger than De-

fiance.

**Negro.** Velvet black.  
**Purple King.** Very dark purple.  
**Panyon.** Pink, maroon eye.  
**Queen of White.** White.  
**Ralph.** Cherry red.  
**Ruby.** Magenta.  
**Rosea.** Pink, white eye.  
**Rosy Morn.** Pink, white eye.  
**Star of the West.** Dark pink.  
**Sanguinea.** Blood red.  
**Silver Star.** Dark maroon, lemon eye.  
**Surprise.** Large, rosy pink.  
**Vulcan.** Large, dark scarlet.  
**White Bedder.** Pure white, fragrant.  
**Waterloo.** Scarlet, velvet eye.  
**Zulu King.** Fine dark purple.

The above set of 40 varieties, \$2. In ordering verbenas, it will be for the interest of the purchaser to leave the varieties to us. Knowing their habits enables us to select the best bedders, and in nine cases out of ten is certain to give better satisfaction.



## NEW LARGE FLOWERING MAMMOTH VERBENA.

(1-2 Natural Size.)

This new collection was first offered last year, to which I have added three new varieties and discarded five, now making a set of 12 distinct colors. Price, 10c. each; the set of 12 varieties, \$1, by mail or express; 25 for \$1.50, or 100 for \$4.

**Crystal.** Pure white.  
**Damson.** Rich mauve purple, white eye.  
**Edith.** Salmon shaded carmine, white eye.  
**Emily.** Royal purple, clear white eye.  
**Effective.** Large brilliant scarlet, maroon eye.  
**Beauty.** Deep beautiful pink.  
**Fanny.** Velvet rose, white eye.  
**Glow Worm.** Brilliant scarlet.  
**Jean.** Rosy pink, white eye.  
**Miss Massey.** Salmon pink with white center.  
**Marion.** Mauve, white eye.  
**Mikado.** Large, deep salmon.

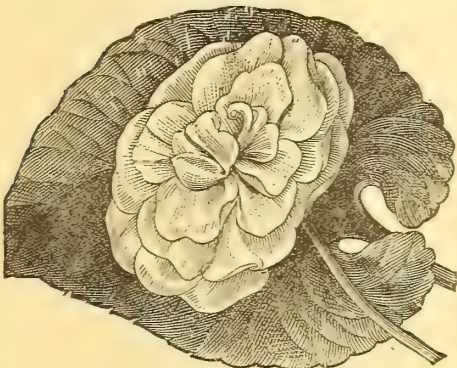
The two following are first offered this season.  
**Union.** Very large flower, pure white, bordered bright blue. 50c. each.  
**Galatea.** Is called the finest striped yet offered. Scarlet, striped white. 50c. each; the two for 80c.

## LEMON VERBENAS.

A well known shrub, indispensable, for the fragrance of its leaves, in bouquet making. 20 cents



each; small size, 15 cents each; \$1.50 per dozen.



SWANLEY WHITE VIOLET.

## VIOLETS, (Sweet Scented.)

The varieties named below are the leading ones used

for forcing during the winter months. The violet forms one of the principal items in the formation of bouquets, baskets, etc., of cut flowers. 15c. each; \$1.50 per dozen.

**Double Blue Neapolitan.** Dark blue.

**Swanley White.** Double white, very fine large flowers.

## VERONICA.

A class of plants blooming during the summer months. The flowers are borne on spikes from 4 to 6 inches in length, and are produced in great abundance; the foliage is variegated green and white; fine for filling stumps, urns, etc. 10 to 20 cents each. \$1 to \$1.50 per dozen.

## VINCA, (Periwinkle.)

**Variegata.** A beautiful variety of the Periwinkle, with pea green leaves edged with white; excellent for baskets, vases, urns, stumps and rock-work. 15 to 25 cents each; \$1.50 to \$2 per dozen.

**Major.** A variety with a rich, glossy, green leaf, flowering profusely the whole winter; fine for baskets. 15 to 25 cents each.

**Elegans.** A new variegated variety of the same habit as the above. 15 to 25 cents each.

# Hardy Ornamental Flowering Shrubs.

The following are the finest hardy ornamental flowering shrubs. Strong, robust growers, thriving in all ordinary situations and requiring but little attention; are very desirable in all kinds of ornamental planting, whether in door yard, lawn, park or cemetery, may be planted singly, or in groups or clumps, as occasion or taste may suggest. Their season of bloom lasts from May until Nov. Price, 25c. each; 6 for \$1; 12 for \$2, prepaid by mail, unless otherwise given. Extra strong plants by express, 50c. each; \$4 per dozen. Will be sent by mail at prices given below.

## HYDRANGEA PANICULATA GRANDIFLORA.

The finest hardy flowering shrub in cultivation. The flowers are white, and borne in immense pyramidal trusses, more than a foot in length and eight to ten inches in diameter. It flowers in August and remains in bloom two or three months; attracting much attention. The plant attains a height of three or four feet, is very bushy and compact. It needs no protection, as it is hardy in all parts of the country. No one who has a lawn or garden should be without this beautiful shrub. (See illustration.)

To make a compact plant and bloom more freely, cut one-third of last year's growth away in the spring; manure and loosen the earth around them, as the largest and finest flowers are given from new, strong, vigorous growth. Price, 25c. each; \$2 per dozen. Large, extra-strong two-year-old plants, 50c. each; \$4 per dozen.



HYDRANGEA PANICULATA GRANDIFLORA.

**Hydrangea Thomas Hogg.** Of low bushy growth, producing in July immense clusters of pure white flowers, often measuring 15 inches in diameter. It is equally as hardy as the old garden Hydrangea, and will be found a valuable plant for cemetery decoration. 25c. each; \$2.50 per dozen; large plants, 50c. each.

**Hydrangea Otaska.** Another splendid variety; heads of very large flowers, light rosy pink, contrasting beautifully with the other sorts. I recommend it as one of the finest of its class. Small plants, 25c. each; strong blooming plants, 50c. each.

**H. Hortensis, or Garden.** Frequently grown in pots or boxes; flowers are borne in large panicles, or heads, at first white, sometimes changing to light blue, and finally to a pink. 25c. and 50c. each.



HYDRANGEA VARIEGATA.

**Hydrangea Variegata.** A beautiful and attractive foliage variety for house, garden or border culture. Leaves variegated, pure white mottled with light green. (See illustration.) An excellent selling plant during spring and summer, when grown in pots; not hardy. Price, 25c. each; \$ 2.50 per dozen.

**Almond Alba.** Dwarf, double, white flowering. 50c. each.

**Almond Communis.** A beautiful tree with double rose colored flowers in April. 50c. each.

**Althea, or Rose of Sharon.** A splendid large growing shrub, of easy cultivation, producing in mid-summer a great profusion of bell-shaped flowers, very showy, and of various colors. I offer four kinds, double white, double blue, single white and single blue. 25c. each; strong plants, 50c. each.

**Alba Grandiflora.** Very large, pure white trusses of flowers; the best white lilac. 25c. each; strong plants, 50c. each.

**Alba Grandiflora.** Similar to above, with pure white flowers; a profuse bloomer. 20c. each; strong plants, 50c. each.

**Burning Bush, or Strawberry Tree.** (Euonymus.) An ornamental showy shrub, whose beauty consists in its brilliant berries, which are produced in clusters, from the branches, until winter; of a rose color. 50c. each.

**Barberry, Purple Leaved.** This beautiful shrub is one of the finest on the list. Its regular and symmetrical form, dark purple leaves and pretty yellow flowers, make it very attractive. 25c. each; strong plants, 50c. each.

**Cydonia, Japonica.** (The Japan Quince.) Blooms early in May, with single, scarlet flowers; very desirable. 25c. each; strong plants, 50c. each.

**Calycanthus, (Florida) Sweet Scented Shrub.** Flowers purple, very double and deliciously fragrant. Blooms at intervals during the season; old and much esteemed. 25c. each; strong plants, 50c. each.

**Crenata.** Height 4 feet; flowers double white, tinged with rose; hardy and fine. 20c. each.



DEUTZIA GRACILIS.

**Deutzia Gracilis.** Height 2 feet; very bushy; used for forcing in winter; flowers pure white; blooms profusely; very hardy; flowers bell-shaped, resembling Lily of the Valley. 20c.

**Fortunii.** Height 2 to 3 feet; one of the most beautiful and profuse flowering varieties; pure white; perfectly hardy. 25c. each.

**Forsythia.** Height 3 to 4 feet; beautiful, bright yellow flowers. Blooms early and profusely. 20c. each; strong plants, 40c. each.

**Lonicera.** (The Upright Honeysuckle.) Are valuable, fragrant shrubs, and assume a handsome compact form, without much pruning; bloom early and thrive in any soil. 25c. each; strong plants, 50c. each.

**Lilac.** New purple; immense heads of beautiful purple flowers; very sweet and much esteemed. 25c. each; strong plants, 50c. each.

**Mock Orange, or Syringa.** A rapid growing, medium sized shrub, with very fragrant white flowers. 25c. each; strong plants, 50c. each.

**Red Tartarian.** A splendid shrub, with large, dark, rose-colored flowers; one of the finest of this class. 20c. each; strong plants, 40c. each.

**Spiraea Prunifolia.** Height 4 feet; very beautiful; flowers perfectly double, like white daisies, blooms in May; hardy. 20c. each; strong plants, 50c. each.

**Symphoricarpos, Racemosus.** (The St. Peter's Wort, or Snowberry.) A very popular plant; bears branches of conspicuous white berries. 20c. each; strong plants, 40c. each.

**Variegated Leaved.** A very beautiful and distinct variety; regular and compact growth. Half of each leaf is green and half pure white. Large, very double, bright pink flowers. 25c. each.



**Weigela Rosea.** The old, well known variety; of compact, vigorous growth; has fine foliage, and in June is literally covered with blossoms of clear pink, fading to flesh color. 20c. each; strong plants, 40c. each.



WEIGELA VARIEGATA.

**Weigela Variegated Leaved.** Deep green

leaves, with a broad margin of pure white around each; very striking and pretty; rose colored flowers, same as above, but of smaller growth. 25c. each; strong plants, 50c. each.

**White Fringe.** A small ornamental tree, bearing pure white flowers resembling elegant fringe. 25c. each; strong plants, 50c. each.

**Purple Fringe.** (Smoke Tree.) A beautiful hardy shrub, with feathery blossoms of a purplish hue, having the appearance of smoke. It keeps in bloom from June to September. A fine shrub. 25c. each; large plants, 50c.

**Viburnum Opulus.** (Snow Ball.) A hardy, strong growing shrub, with large balls of pure white flowers, really resembling balls of snow. 20c. each; strong plants, 50c. each.

**White Thorn, or English Hawthorn.** (Crataegus Oxyacantha.) A beautiful hardy shrub, growing 5 to 8 feet high, with small, double, white flowers, in clusters; blooming abundantly about three or four weeks in May and early June. 75c. each.

**Double Rose Thorn, or English Double Red Flowering Hawthorn.** Similar to the white variety, but grows larger, making a better shaped bush and flowering much more freely. 75 cents each.

Above collection of 32 varieties hardy shrubs, \$6.00.

*A selection of 12 shrubs, my choice, that will bloom in succession from June to October, \$2, or 6 for \$1; extra strong plants, \$4 per dozen.*

# HARDY CLIMBING VINES.



JAPANESE OR BOSTON IVY,  
OR AMPELOPSIS VEITCHII.

Hardy Climbing Vines are among the most desirable ornamental plants. No others produce more beautiful effects, whether climbing over the veranda, or clinging fast to house walls. They are used profusely in decorating the finest suburban residences, parks, cemeteries and churches. Innote the purpose for which each is more suitable.

**Akebia Quinata, Japan Akebia.** A twining climber, suitable for pillar or trellis; handsome and distinct foliage, and chocolate colored, fragrant flowers. 20c. each.

**Ampelopsis Quinquefolia, American Ivy or Virginia Creeper.** A strong, rapid grower, clinging firmly to stone, brick or wooden walls; suitable, also, for verandas, porches, trunks of trees, etc. Large, dark green foliage, changing in autumn to bright crimson; much esteemed. 20c. each; 6 for \$1; 12 for \$2.

**Ampelopsis Veitchii.** Also known as JAPANESE OR BOSTON IVY. The most beautiful climbing vine in the list. Smaller and more delicate than the preceding, but very hardy; much used for covering brick buildings, churches, wood or stone walls, and suitable for trellis; unsurpassed for rock-work, baskets and vases; leaves turn brilliant in fall. 20c. each; 6 for \$1; \$2 per dozen. See cut.

**Bignonia Grandiflora—Trumpet Creeper.** A hardy, fast grower, suitable for covering dead walls, back buildings, fences, etc. Produce in August large, orange-red, trumpet-shaped flowers, in clusters. 25c. each.

## CLEMATIS.

One of the most attractive climbing vines of the times, rapidly becoming more popular every season. They produce a profusion of flowers during summer, of the deepest purple, lavender, white, etc. Trained on screen, twine, trellis, over stone, old walls, stumps, rock-work, in tubs or pots, it has no equal among strong-growing, blooming vines. It likes deep, rich, sandy soil; an eastern exposure is best, partial shade and a liberal supply of water. There are many varieties, but the few following are among the best large flowering; flowers ranging 3 to 6 inches across; all hardy,

but a covering of straw in winter is a benefit. They will grow from 5 to 12 feet in one season. The collection of the following 5 varieties, \$2, or 50 cents each for less than 5.



CLEMATIS JACKMANII.

**Clematis Jackmanii.** An English hybrid; flowers large, intense violet purple, and from 4 to 6 inches in diameter. This has proved itself to be the most showy of all the hardy climbers, old plants being literally covered with flowers. 50c. each; 6 for \$2.50.

**Clematis Fortunii.** Flowers double white, peculiarly formed, large and quite fragrant. 50c. each.

**Clematis Standishii.** A vigorous, hardy sort, blossoming early in the season in great profusion; flowers dark purple. 50c. each.

**Clematis Lanuginosa Candida.** Large, white, with delicate rose tint; the finest white. 50c. each.

**Clematis, the Gem.** Flowers large; delicate lavender blue; blooming early; the best of its color. 50c. each.

The above set of 5, \$2, or \$3 per dozen. The following are small flowering varieties.

**Clematis Coccinea.** Blooming from June till frost; flowers of a brilliant scarlet color; hardy. 25c. each.

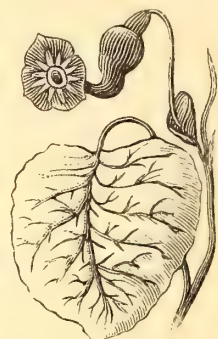
**Clematis Crispa.** Flowers delicate violet blue; fragrant; growth similar to Coccinea. 25 cents each.

**Clematis Flammula.** An elegant slender-branched climbing vine, particularly valuable for trellis, veranda and pillar work. Flowers are pure white, star shaped and very fragrant. 20c. each.

**Clematis Viticella.** Blue Bells. A strong, hardy grower, with pretty green leaves, and a profusion of dark blue and purple flowers. Suitable for trellis. 20c. each; \$2 per dozen.

**Clematis Virginiana—Virginia Clematis.** A hardy, rapid growing vine, that will cover unsightly objects effectually; mist-like, pure white fragrant flowers; green foliage, with curious ornamental seed-vessels. 25c. each.

**Pipe Vine. (Aristolochia.)** Sometimes called



PIPE VINE.

Dutchman's Pipe, from the curious form of the flowers, resembling an old-fashioned pipe; a strong, twining vine, with large leaves, suitable for porches, screens, etc. 50c. Small plants, 30c.

**Wistaria, Chinese.** A hardy, strong growing, twining vine, of large growth; producing in mid-summer large clusters of beautiful, pale blue, fragrant flowers; much used for high verandas, balconies, etc. 25c.

**Wistaria, Magnifica.** Similar to above, but darker blue flowers; profuse bloomer; splendid. The Wistarias are recommended for high verandas, porches, balconies, etc., as the very best plants for the purpose. Not always hardy north of 42 degrees. 25c. each.



HONEYSUCKLE.

**Honeysuckles.**

There is nothing more desirable than sweet-scented Honeysuckles; the foliage is pretty, neat and clean; the flowers almost continuous and their fragrance delicious. The varieties described below are the very best.

**Evergreen Sweet-Scented Honeysuckle.** A hardy,

vigorous grower; it

blooms nearly all the season; deliciously fragrant. Flowers buff, yellow and white; very desirable for veranda and trellis work. 20c. each; 6 for \$1.

**European Sweet-Scented, (Belgian.)**

**Honeysuckle.** A fine, hardy grower; flowers large and exceedingly sweet. Colors, buff, yellow and red; a constant bloomer. The finest honeysuckle; suitable for trellis or pillar. 20c.; 6 for \$1.00.

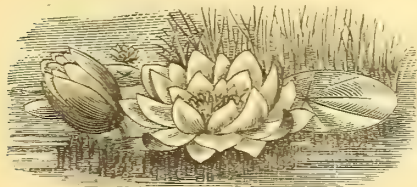
**Golden Leaved Honeysuckle.** An elegant and very desirable variety, of moderate growth; leaves beautifully veined and netted with clear yellow, so that the prevailing color of the foliage is bright yellow. Flowers yellow and fragrant. Admirable for pillar and trellis work. 25 cents each.

**Hillianna Honeysuckle.** A variety introduced from Japan. It is evergreen, and a constant bloomer. Flowers pure white, changing to yellow; very fragrant. Good for trellis or pillar. 20c. each; 6 for \$1.



**Red Coral Honeysuckle.** A hardy, rapid grower; suitable for rock-work, etc. Bright red, trumpet-shaped flowers. 20c each; 6 for \$1.

☞ Collection of best 12 Hardy Climbers, 12 varieties for \$2.



## WATER LILIES.

Tie the root to a stone large enough to sink it, and drop in two or three feet of water. If a hard bottom, dig a small hole and cover lightly. For tubs, take any strong barrel, saw in two, put in six or eight inches of fine loam or pond mud, if handy; lay in the roots, and cover two inches deep. Fill the tub with water and keep full. This is all the care they need. Put in a cellar in the winter to keep from freezing. Fill with water when you put away and they will come out all right in the spring. On obtaining the roots, if you are not ready to plant them, put them into a dish of water and they will keep several days. (See cut.)

**Nymphaea Odorata.** This is, perhaps, the best of our native Water Lilies. It is usually as white as snow—but occasionally tinted with pink—and fragrant. Good roots, 25c. each; \$2.50 per dozen, prepaid by mail.

## HARDY BULBS.

**Astilbe Japonica, (Spiraea.)** The Astilbe, or Spiraea, is a pretty dwarf plant, with delicate, feathery trusses of very small flowers that are really elegant and exceedingly useful for all ornamental work. It is an excellent house plant and one of the best to force for winter flowers. White. 25c. each.

**Dicentra Spectabilis.** (Sometimes called Bleeding Heart.) Bears heart-shaped, deep pink flowers, a dozen or more being borne on a graceful, drooping raceme, a foot or more in length. 25c. each.

**Daisy.** See page 63.

**Day Lily.** The Funkia, called the Day Lily, is a very superb autumn flower. Plant has light green, broad foliage, prettily veined. Flowers are of the purest white, trumpet-shaped, in clusters. The blue variety has smaller flowers; stems taller.

**White.** 25c. each; \$2.50 per dozen.

**Blue.** 25c. each; of not much value.

**Lily of the Valley.** See page 70.

**Lilies, Japan.** See page 70.

**Perennial Phlox.** See page 72.

**Primrose, Hardy Double White.** See page 73.

**Pæonies.** The Pæonies are perfectly hardy, and

they will succeed in any ground unless water lies on the surface or near the roots in winter. They may be planted in the autumn or spring. In Southern countries the Pæony grows well, but the



PÆONY.

buds often blast unless grown in partial shade and liberally supplied with water. The engraving shows a plant in flower. Plants, 25c. each; \$2.50 per dozen. The colors are pink, white, rose, salmon, dark red.

**Yam.** The Chinese Yam is hardy, and makes a very pretty running vine, often called Cinnamon Vine. The tubers may remain in the ground for several years. Tubers, 20c. each; \$1.50 per doz.



YUCCA.

**Yucca.** The Yuccas are a striking class of plants, with long, narrow, strong, sharp pointed leaves, with a peculiar tropical aspect.

**Filamentosa.** Shown in the engraving, is the hardiest, and I think will endure almost any of our northern winters. It sends up a strong flower stem in the middle of the summer, bearing a large spike of whitish flowers. Price, strong, one-year-old roots, 30c. each; strong, two-year-old roots, 50c. each.

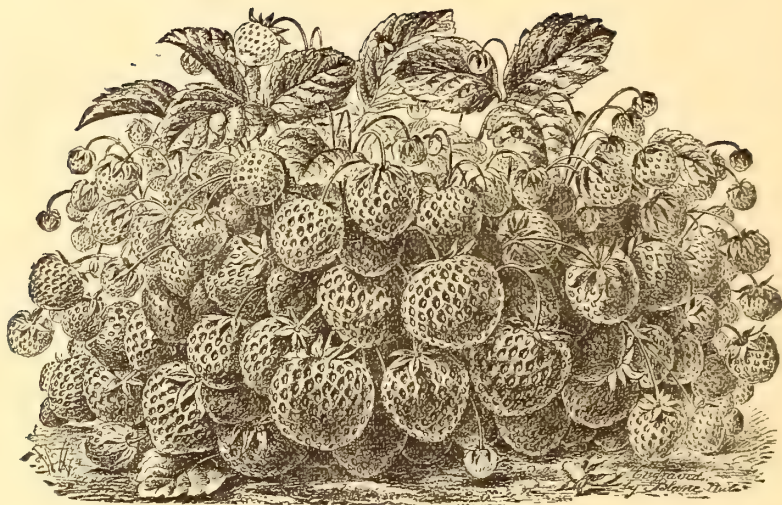
☞ The above collection of Hardy Bulbs and Roots, 14 varieties, by mail, \$2.25; by express, \$2.



## CUT FLOWERS.

I give special attention to furnishing and arranging Flowers, Designs, Bouquets, etc., for Weddings, Parties, Funerals, Decorations for Churches, and other occasions; at all seasons, neatly and promptly executed at reasonable rates.

C. E. ALLEN, Brattleboro, Vt.



A HILL OF STRAWBERRIES WELL GROWN.

# — ❖ — SMALL ❖ FRUITS. ❖ —

## THE STRAWBERRY.

Our first fruit in the year to ripen is the strawberry, and is considered the best as well as first of all fruits. Not only is it cultivated largely for market, but is growing more important yearly in the private garden. It is the most productive of small fruits; as well as the most important kind sent into market; and without competition of other fruits, being consumed more than three times as much as any other kind of berry, and yet there is room for thousands of acres in many sections for more strawberries to supply the demand. Notwithstanding the large supply of last year, and the low prices generally obtained, the sale of plants will be in large demand. By planting strawberries you add value to your home and property, which is an inexpensive luxury, and really a benefit to your whole system in preserving

**Health**, which the change to fruit is of much benefit. Since 1869 I have cultivated the strawberry for home and distant markets more or less extensively, usually with excellent success. Of course it has its failures in some years, like all crops, and some seasons very severely, requiring an immense amount of labor in large beds to carry them through in a good fruiting condition for the following season. I have personally given the strawberry my attention in cultivating, adding and testing

**New Varieties**, and discarding them when they do not prove suitable, or of more value for some purposes than others already in cultivation. I have at present in strawberries, several acres planted on soil well adapted to growing strong, healthy plants, with plenty of roots. I purchase from the originator all new sorts, planting them on my trial grounds; that I may be able to personally judge their merits; almost daily,

**Examine** them, throwing out all plants which do not look true to character and name. With such care of growing I can give my customers much stronger plants and better than are offered by some parties who give them no care whatever, but allow them to be smothered with weeds, offering the plants for prices that are a damage to themselves

and to the parties who plant them, and would advise all who wish to plant for profit to use care in buying and

**Planting** strawberry plants, not to purchase because they are offered cheap, as they more times prove expensive than profitable. Sometimes I am compelled to buy plants; in such cases I order from reliable parties only, but generally keep a sufficient stock for the general demand of all varieties offered. In any case where plants purchased of me do not prove to please, notify me at once and I will endeavor to give the purchaser satisfaction as far as I am able to do so, as I intend to work for the best interest of the purchaser, as far as practicable, in selling

**Good Stock** true to name, such as I would like to plant for myself. In our haste in the packing season, when two month's work must be done in one, errors and delays will sometimes occur. To those I would say, be patient as possible, and forward orders early to avoid delays as much as possible, as the earlier you can get your plants in the ground after the frost is out, the better success you will have. We are doing our best to serve you and all. The plant trade, which is now quite extensive in the eastern, middle and western states, crowds additional work upon our packers, who work early and late to serve you.

**New Varieties**. In order to know what kinds succeed best with you, try a few new varieties, as what do well in one place will not always in another, and in order to know, you can better judge which are the best with you.

**Plants Grown at the North** are more hardy, and it is the general opinion of most fruit growers that the plants grown at the north and planted south are usually more vigorous and hardy. Plants grown on the warm, light soil of Delaware and New Jersey and carried north, will not, as a general rule, thrive as well as northern grown plants carried south, when both are grown with health and vigor.

## CULTURE OF THE STRAWBERRY.

**Soil**. They are successfully cultivated upon a great variety of soils, one kind not being adapted to all varieties, although some kinds succeed well in



almost any land; however, should never be planted in a very dry or very wet situation. A good sandy loam with a clay subsoil seems best suited to most varieties. Many of the latest and best flavored sorts thrive best on heavy clay soil, while those grown upon sandy soil ripen their fruit early, extending the fruiting season from one to two weeks, by planting both early and late varieties upon early and late soil. Soil, locality and climate make more difference with the strawberry than most other kinds of small fruits. The only certain method of success is for each one to try several varieties of early, medium and late sorts, and cultivate those that give the best results.

**Manure.** Well rotted stable manure applied broadcast, two or three inches thick on the surface, thoroughly mixing the soil with harrow, rake or digging fork, is the most beneficial. When these cannot be had, guano, bone, super-phosphate and ashes can be used with best results, applying broadcast, mixing well with the soil with rake or harrow.

**Cultivation.** Spring and fall are the time for planting. For field culture, land that has been cultivated one year with corn is best. Sod ground freshly turned is not as good, but if turned early in the fall and well manured, will answer for spring planting. As soon as the plants are received, unpack and plant out at once. If the ground is not ready, loosen the bundles and heel in, in some shaded place. For garden culture, make the rows 18 inches apart, and set the plants 12 inches apart in the rows, leaving two feet every fourth row. For field culture, make the rows 3 feet apart, and set the plants 12 inches apart in the rows, so they can be cultivated with a horse. In planting, mark out into rows, get a small boy to drop the plants, then, with your trowel in your right hand make a hole large enough to admit all the roots of the plant without crowding or bending them, covering the roots carefully and pressing the earth very firmly around the

**Roots,** which if set in dry weather, is the most important part in planting, being careful not to plant them so deeply as to cover the crown. To secure a good yield and have large, healthy plants the year after planting, they should not be allowed to bear the first season, cutting off all runners before the tips take root, and keeping the ground loose and free from weeds. As soon as the ground commences to freeze in the fall they should be covered with straw or coarse litter. Only a very light covering is necessary to shade the plants from the sun, as continual thawing and freezing is very injurious to the fruit bud. In the spring remove the straw from the vines into the rows, leaving it for mulch, and it is also beneficial in keeping down the weeds. After the last picking remove the straw altogether and fork or cultivate the beds. Strawberries managed in the above manner will last from three to four years. In order to secure a full crop every year, a new bed should be set out every second year.

**The Hill and Matted Row System.** If you wish to grow the largest and finest fruit, keep all the runners cut off and let them form large stools. If choice fruit is no object the runners may be allowed to grow at will. The hill system is considered best by nearly all growers, as they can be easily cultivated and kept in bearing a year longer. It is best to renew beds every two or three years.

**Pure Varieties.** I exercise special care in keeping my stock pure, renewing each year all the beds which I send my stock from, keeping each variety by itself, so there is no possible way for them to become mixed. I send out nothing but strong, stocky plants, well rooted and are sure to live when transplanted under favorable circumstances. The plants are taken up with care, so as not to injure the roots, are tied in bundles, and packed specially to endure long transportation. The plants are one year old, pure and true to name.

**Potted Plants.** July, August and September

planting is the safest and only sure method in dry, hot weather, while the purchaser is sure to realize nearly a full crop within ten months from the time of planting. Those who are obliged to delay spring planting, remember and send for strawberry circular of potted plants in July. All who purchase goods of any kind this spring will receive it as soon as ready for mailing, and need not write for it.

## NEW VARIETIES.



BELMONT.

**Belmont.** This new variety, offered in the fall of 1885, is winning favor wherever tried. It can be highly recommended for all desirable qualities in a first-class strawberry. Perfect flowering; ripening late; oblong in shape; color, bright crimson; of the finest flavor. Awarded first prize of silver cup for four quarts best berries, in June, 1886, at Boston. A strong thrifty grower, producing runners liberally. \$1 per dozen; \$5 per 100.

**Crimson Cluster.** First offered in 1886; of a rich crimson color, borne in large clusters; said to ripen very early and continue till late; of the best flavor; vigorous grower and very productive. Price, \$1.50 per dozen; \$8 per 100.

**Jewell.** Its growth is strong, producing more fruit from the same area than any other known variety; very sweet and well flavored; color very bright and attractive; flowers pistillate, producing large stools, but few runners. It is among the early varieties to ripen; fruit of very large size; valuable for home or market. 75c. per dozen; \$4 per 100.

6 plants of above 3 new varieties, \$1.50.

If by mail add 25c. per 100.

## STANDARD VARIETIES.

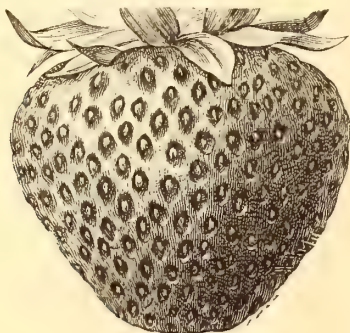
**\*Piper.** This yields heavy crops of large, attractive berries; valuable for market or home use. Plant, strong and free in growth; medium, early, and valuable in any collection. Layers, 25c. per dozen; \$1 per 100.

**\*Wilson's Albany.** This is extensively grown as a market berry in all sections. As a shipping variety it stands among the best, and with high culture it yields good crops of solid, rich flavored fruit when fully ripe; matures a few days later than the Crescent. Layers, 20c. per dozen; 75c. per 100; \$4 per 1000.

**Atlantic.** Vigorous, productive, ripening late;

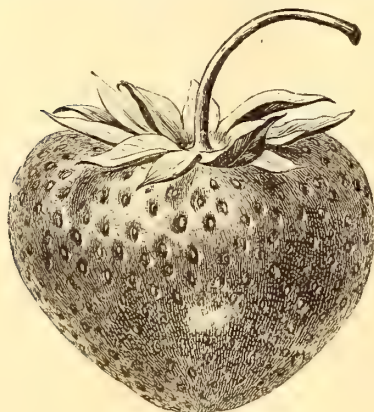
oblong in shape; good for market, Layers, 25c. per dozen; \$1 per 100.

**Daniel Boone.** An excellent berry for family or market; very prolific; large size; color, shining bright red; 30 berries filling a quart measure. Layers, 25c. per dozen; \$1 per 100.



DANIEL BOONE.

**Capt. Jack.** I consider this a profitable variety on account of its doing so well on light soil, throwing out quantities of runners, with small foliage, yielding more berries than the Wilson, and suffers less with the drouth. In picking it separates from the hull, but can be avoided by careful handling. Layers, 20c. per dozen; \$1 per 100.



MANCHESTER.

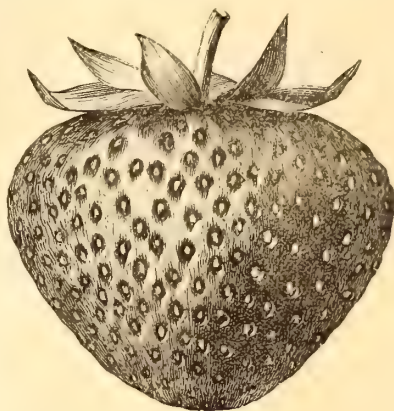
**Manchester.** As a late berry, one of the most valuable for all purposes; of large size, good color; not quite as firm as the Wilson, but larger and much more prolific. Its vigorous growth, luxuriant foliage, are all that can be desired. Layers, 20c. per dozen; 75c. per 100; \$4 per 1000.

**Garretson.** An excellent drouth resisting variety; healthy, vigorous, productive and firm; globular, regular, of large size and good quality; a pistillate. Layers, 30c. per dozen; \$1.50 per 100.

**Henderson.** One of the largest, early, productive varieties. Unexcelled in flavor, and seems adapted to all soils; strong, vigorous and attractive foliage; perfect flowering. Layers, 25c. per dozen; \$1 per 100.

**Parry.** A seedling of the Jersey Queen. This has won many first prizes. Flowers are perfect and plant very strong and vigorous, bearing large, high

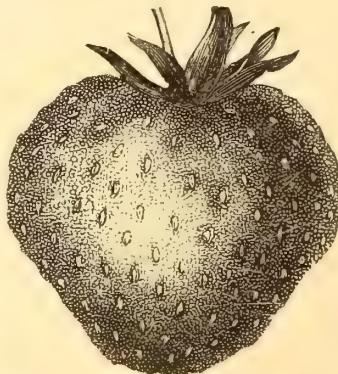
colored, uniform berries, on strong, upright fruit stalks; very productive. Layers, 25c. per dozen; \$1 per 100.



PARRY.

**Longfellow.** My stock is small this season, and have but few to offer. Layers, 25c. per dozen; \$1 per 100.

**Chas. Downing.** This variety is a general favorite, well known and a fine variety for all purposes. Its size, flavor and productiveness are among the best, succeeds well on all soils and ripens medium to very late; valuable for home use or near market. Layer, 20c. per dozen; 75c. per 100; \$5 per 1000.



CHAS. DOWNING.

**Windsor Chief.** A strong, vigorous grower. Fruit is above medium in size, perfect in form; color, bright, deep scarlet. Not as firm as the Wilson, but brighter color. Nearly as productive as the Crescent. Ripens about medium, holding out very late; is a little tart, but when fully ripe it has a sweet and rich flavor. Among our medium and late varieties it will be found a profitable one. Layers, 25c. per dozen; 75c. per 100; \$5 per 1000.

**Jersey Queen.** The growth is much more thrifty than most varieties; fruit, medium size, of a dark crimson color; flavor, very sweet, being quite firm, remaining on the vine longer than most varieties without injury; prolific and quite late; good for home or market. Layers, 20c. per dozen; 75c. per 100; \$5 per 1000.





**Lucretia's Dewberry.** 20c. each, 6 for \$1.

## GOOSEBERRIES.

**Downing.** Larger fruit than Houghton's. \$1.25 per dozen.

**Houghton's Seedling.** Very prolific; free from mildew. 15c. each; \$1 per doz.

**Red Dutch.** Strong grower and abundant bearer; fruit of medium size, yielding more than the large varieties. \$1 per dozen; \$6 per 100.

**Versailles.** Very large; best for table. 10c. each; \$1 per dozen, \$6 per 100.

**White Grape.** Very large; the best white. 10c. each; \$1 per dozen.

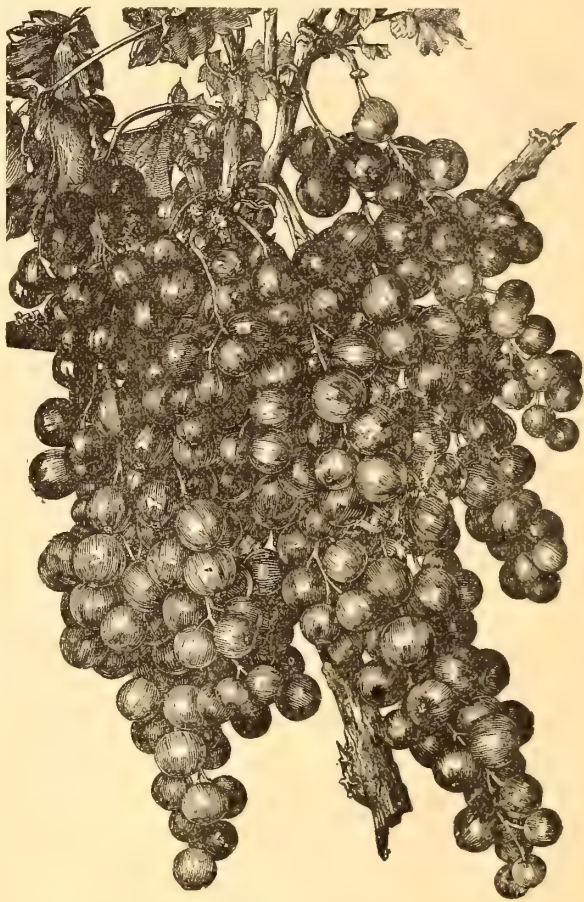
## CURRENTS.

**Culture.** The same as Rasp berries, do best in a cool situation. Plant in rows, in open ground, four feet by three; give good culture and rich soil if you wish good crops, keeping clear from grass and weeds; mulching during June and July will be beneficial; as soon as the fruit is gathered, cut out the old dry wood. If currant worms attack them, sprinkle with white hellebore (obtained at druggists) in the morning, or dissolve half an ounce in one gallon of water and apply with a syringe.

**Fay's New Prolific.** It originated from a seedling of the Cherry and Victoria Currants. During the past thirty years the originator endeavored to produce a Red Currant which would combine the size of the Cherry Currant with the prolific bearing qualities of the Red Dutch; it being a fact that the Cherry Currant heretofore has grown the largest, and though bringing more money per quart, its bearing qualities have not made it profitable for the fruit grower. In obtaining size and prolificacy in Fay's Prolific, he obtained a SPICY FLAVOR with MUCH LESS ACID than the Cherry Currant. I have grown and fruited this variety on my grounds for three years, and find it to be a strong, thrifty grower, producing more than double the amount of fruit of the Cherry or Versailles, flavor much better and superior in every respect. Should by all means plant it in preference to Cherry Currant. Price, 1 year, 35c each; \$3.60 per dozen; \$25 per 100. 2 years, 50c. each; \$4.75 per dozen; \$35 per 100.

**Black Naples.** Valuable for jams and jellies. 10c. each; \$1 per dozen.

**Cherry.** Large; best for market. 10c. each; \$1 per dozen; \$6 per 100.



FAY'S PROLIFIC CURRENT.

## KNOW ABOUT GARDENING.

For securing the best results in the cultivation of the stock I offer, my patrons should have a good live journal on gardening. Such a one, useful, ably managed and cheap, is found in **POPULAR GARDENING**, and this may be ordered through me. The paper treats, on the one hand, of Flowers, Pot-plants, Lawns and the Beautiful of Gardening; on the other, taking up Fruit and Vegetables, and the Marketing business in all branches—about half and half to each. In style, it is exactly adapted to the wants of the people, being plain, practicable and to the point; no waste of words; engravings and printing the best. A yearly volume embraces over 1,000 main subjects and 150 engravings, and gives as much choice matter on gardening as six common books that would cost \$9.

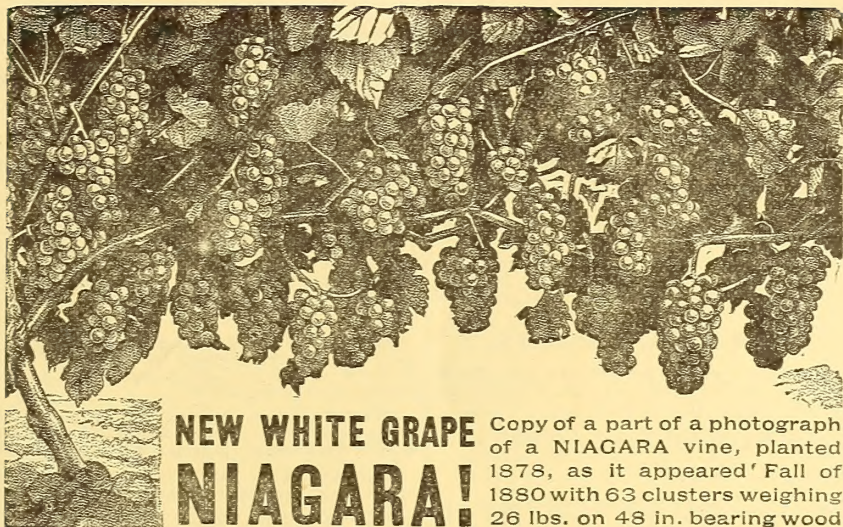
Its **PRICE IS BUT ONE DOLLAR** a year postpaid. In order that you may see this fine paper, we have arranged with **POPULAR GARDENING PUBLISHING CO.**, Buffalo, N. Y., to send a specimen **FREE** to each applicant. A postal to them will secure it.

Subscriptions may begin any month. Order with your other orders, or at any time, of

**C. E. ALLEN, Brattleboro, Vt.**







## NEW WHITE GRAPE NIAGARA!

Copy of a part of a photograph of a NIAGARA vine, planted 1878, as it appeared Fall of 1880 with 63 clusters weighing 26 lbs. on 48 in. bearing wood

### HARDY GRAPES.

**Culture.** Plant 6 feet apart and the vines 8 feet apart in the rows. Dig holes 15 inches deep and large enough to accommodate the roots. They should then be filled within 6 or 8 inches of the top with fine, rich soil, throwing in a few bones or wood ashes. Cut back 1-year vines to two eyes, placing the lower one below the surface; 2-year vines to three or four eyes, planting one or two eyes below the surface. Spread out the roots, place the stock of the vine at one side of the hole and fill with fine soil, pressing it firmly. Set a stake at the stock, (to which the vine should be kept tied,) which will support for two years. Keep old wood trimmed off, growing fruit on new canes. Any manner of pruning that will admit the sun to the fruit will insure a good crop.

**Niagara.** A cross between Concord and Cassady. Vine entirely hardy and strong grower; bunches large and compact, often weighing 15 to 20 ounces each; berries large, of greenish white, skin thin and tough; keeps well; quality good; ripens before Concord; enormously productive. Price, 50c. each; 2 year vines, 75c. each.

**Empire State.** This new white grape ripens with the earliest and is a remarkably good keeper, while its quality is excellent; heavy bearer and growth very rapid. It has been widely tested and proved hardy and free from mildew or disease. Price, 1 year vines, 65c. each; 2 year vines, 90c. each.

**New White Grape, Francis B. Hayes.** A pure native, possessing quality, hardiness and vigor, seldom attained by any other white variety, adapting itself especially for cultivation in northern and eastern sections. Price, 1 year, 50c. each; 2 yrs. 75c. each.

**Early Victor.** As early as Moore's Early; smaller berry, larger cluster, well shouldered; a strong, healthy grower, very prolific, of sweet and delicious flavor; color black. 1 yr., 25c. each; 2 yrs., 35c. each.

**Brighton.** Clusters long and well shouldered; amber colored; ripens earlier than the Concord; as for quality, there are none better; requires a little more protection than some other varieties. 1 yr., 20c. each; 2 yrs., 30c. each.

**Moore's Early.** One of the best early black grapes; now much planted in place of Concord; quality better than Concord, of which it is a seedling; proved entirely hardy in all sections when

fully exposed to 20 degrees below zero, and entirely free from any disease; bunch and berry very large; color black, with a heavy bloom, ripening from ten to fourteen days earlier. 1 yr., 25c. each; \$2.50 per dozen. 2 yrs., 35c. each; \$3.50 per dozen.

**Worden.** Resembles Concord, but earlier; is the very best quality. 1 year, 20c. each; 2 years, 25c.

**Golden Pocklington.** Large, golden yellow; when fully ripe it is clear, juicy and sweet to the center, with very little or no pulp; bunches very large, sometimes shouldered; berries large, and thickly set on the bunch; quality better than the Concord in its best state; ripens with Concord. 1 yr., 20c. each; 2 yrs., 25c. each.

**Prentiss.** This grape has now been on trial in every State, Territory, and Canada, in all kinds of soil, and has proved one of the most valuable white grapes yet introduced; perfectly hardy; bunch large; berry medium to large, of a yellowish green; skin thin but very firm; productive. 1 yr., 20c.; 2 yrs., 25c.

**Jefferson.** Bunch very large, often double shouldered, and very compact; berries large, light red, with a whitish bloom, solid and sweet; vigorous, hardy and very productive. 1 yr., 25c. each; 2 yrs., 30c.

**Vergennes.** Clusters and berries large; light amber; ripening as early as the Hartford, its keeping qualities superior. 1 yr., 25c. each; 2 yrs., 35c.

For \$1.00 I will send by mail 1 Worden, 1 Niagara, 2 yrs., 1 Agawam, black, white, and red varieties.

For \$1.25 I will send one each, 2 yrs., Empire State, Moore's Early, Salem.

### STANDARD VARIETIES.

**Agawam.** (Rogers' No. 15.) Large, red grape; cluster good size; excellent quality; vine is a strong grower; productive and good foliage; ripens early. 2 yr. vines 25c. each.

**Wilder.** (Rogers' No. 4.) One of the finest in quality of all the hardy black grapes. Vine a good grower; productive; bunch and berries large; pulp soft and tender; rich and superior quality; ripens early. 2 yr. vines, 25c. each.

**Concord.** The old standard black grape for general cultivation. 15c. each; \$1.50 per dozen.

**Hartford Prolific.** Black. Very early and sweet. 15c. each; \$1.50 per dozen.

**Delaware.** Red. Sweet and delicious. 25c.

each; \$2 per dozen.

**Eumelian.** BLACK. Rich and excellent flavor. 25c. each.

**Isabella.** BLACK. Well known standard variety. 20c. each.

**Salem.** (Rogers' No. 53.) LARGE RED. 25c. each.

**Lady.** An excellent white grape. 2 yrs., 25c. each.

**Rogers.** Nos. 1, 2, 3, 4, 15, 19, 2 yrs. 25c. each; \$2 per dozen.

*Any order for Small Fruits to the amount of \$3, or over, the purchaser can select, from single rates only, \$3.60 worth for \$3.00. Also see second page of cover.*

## ASPARAGUS ROOTS.

**Conover's and Moore's New Cross Bred.** 1 yr. old roots, 75c. per 100; by mail, \$1. 2 yr. old roots, \$1 per 100; by mail, \$1.50.

## RHUBARB PLANTS.

Price, 15c. each; \$1.50 per dozen.

## FRUIT AND ORNAMENTAL TREES.

**Apples.** 6 to 8 ft., 25c. each; \$2.50 per dozen.

**Pears.** 5 to 7 ft., \$1 each; \$9 per dozen.

**Cherries.** Standard and dwarf; 75c. each.

**Plums.** 6 to 7 ft., \$1 each.

**Peaches.** 4 1-2 to 6 ft., 25c. each; \$2 per dozen.

**Quinces.** Orange, 30c. each; \$3 per dozen.

**Champion,** 50c. each; \$4 per dozen.

**Evergreens.** Norway Spruce, 25 to 75c. each.

**Arbor Vitæ,** 25 to 50c. each.

**Ornamental.** In variety, \$1 to \$2 each.

## EVERGREEN TREES.

Norway Spruce, 12 to 18 inches, for hedging, 20 cents each; \$16 per 100.

Norway Spruce, 18 to 24 inches, 25 cents each; \$20 per 100.

Norway Spruce, 3 to 4 feet, 50 cents each; \$5 per dozen.

Norway Spruce, 4 to 5 feet, 75 cents each; \$7.50 per dozen.

## VEGETABLE PLANTS.

**CABBAGE PLANTS, Early from Cold Frame.** Early Wakefield, Henderson's Summer, Early Winningstadt, Fottler's Early Drumhead, 65 cents per 100; 12 cents per dozen; \$5 per 1000.

**CABBAGE PLANTS, Late.** Excelsior, Large Flat Dutch, Stone Mason, Drumhead Savoy, Marblehead, Mammoth, Flat Dutch, Red Drumhead, Winningstadt, Fottler's Drumhead, and other leading sorts. 35 cents per 100; \$2.50 per 1000; \$10 per 5000.

**CAULIFLOWER PLANTS.** Early Erfurt, Early Paris, Early Snowball. In hot-bed, 20 cents per dozen; \$1 per 100. Late, ready in July, 10 cents per dozen; \$1 per 100.

**CELERY.** Boston Market, Early Arlington and White Plume, Golden Dwarf, Dwarf White; ready in July, transplanted; 75 cents per 100; \$6 per 1000.

**EGG PLANT.** New York Improved Purple 5 cents each; 50 cents per dozen.

**TOMATO PLANTS.** Trophy, Acme, Perfection, Cardinal, Beauty, Essex Hybrid, Favorite, Yellow Plum; 40 cents per dozen; \$2 per 100.

**PEPPER PLANTS.** Large Sweet Mountain Bell and Cayenne; 25 cents per dozen; \$1.50 per 100.

**SWEET POTATO PLANTS.** 75 cents per 100; \$5 per 1000.

**ASPARAGUS ROOTS.** See page 38.

**RHUBARB.** Victoria and Linnaeus; 15 cents each; \$1.50 per dozen.

**LETTUCE PLANTS.** 75 cents per 100; 12 cents per dozen.

### Vegetable Plants by Mail.

Tomato, Cabbage, Pepper, Cauliflower and Sweet Potato plants, can safely be sent by mail at dozen rates. If ordered by the hundred, add 25 cents per hundred to pay postage, unless otherwise noted.

## TESTIMONIALS.

PARIS, TENN.  
C. E. ALLEN: Dear Sir:—Please forward this collection immediately. I send you my little orders, not because I cannot get them nearer, the plants you send are in the best of shape, and your improvements are splendid.  
Respectfully,  
MRS. S. W. LEWIS.

SAN FRANCISCO, CAL., Marquand Hall.  
MR. ALLEN: Dear Sir:—The lovely flowers were received at the right time, and were exactly what I wanted. Many thanks.  
Yours Respectfully,  
HARRIE HOOK.

PORT TOWNSEND, W. T.  
C. E. ALLEN: Dear Sir:—The bulbs and plants I got of you last fall have done fine. I have the finest display of flowers in the city. Those Hyacinths and Tulips were admired by everyone. I live in the suburbs, and every day people come as far as my house to see those flowers, and turn back.  
Respectfully,  
J. N. LAUBACH.

ALTAMONTE STATION, FLORIDA.  
MR. C. E. ALLEN: Dear Sir:—The last order was filled to my satisfaction, and peas are 4 inches high in the garden; thermometer 80° in the shade.  
Yours,  
F. A. COFFAN.

PHILLIPSBURG, KANSAS.  
C. E. ALLEN:—The plants sent last came to hand in splendid condition, for which I accept my thanks  
MRS. G. W. YOUNG.



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